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STRUCTURE FILE UPDATES: 13 FEB 2006 HIGHEST RN 874180-50-4  
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For details:

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<http://www.cas.org/ONLINE/UG/regprops.html>

=> E "SHENQ1"/CN 25  
E1 1 SHENMEILIN/CN  
E2 1 SHENQ-FONG BLUE 70/CN  
E3 0 --> SHENQI/CN  
E4 1 SHENZHANLING/CN  
E5 1 SHEOBROMA OIL/CN

E6 1 SHEPHAGENIN A/CN  
E7 1 SHEPHAGENIN B/CN  
E8 1 SHEPHERD 153/CN  
E9 1 SHEPHERD BLACK 1/CN  
E10 1 SHEPHERD BLACK 1G/CN  
E11 1 SHEPHERD BLUE 212/CN  
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E15 1 SHEPHERD BROWN 12/CN  
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E21 1 SHEPHERD PIGMENT BLUE 9/CN  
E22 1 SHEPHERD PIGMENT GREEN 5/CN  
E23 1 SHEPHERD PIGMENT YELLOW 29/CN  
E24 1 SHEPHERD VIOLET 4/CN  
E25 1 SHEPHERD YELLOW 14/CN

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FILE COVERS 1907 - 14 Feb 2006 VOL 144 ISS 8  
FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

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=> s sehnqi  
0 SEHNQI  
L1 0 SEHNQI

=> s shenqi  
L2 14 SHENQI

=> d 1-7

L2 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2006:49444 CAPLUS  
TI "Jinkui Shenqi" tablet, its preparation and its derived drug delivery system  
IN Mao, Youchang; Mao, Xiaomin  
PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 12 pp.  
CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 1631406	A	20050629	CN 2003-10121668	20031224
PRAI CN 2003-10121668		20031224		

L2 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1095330 CAPLUS

TI Jisheng Shenqi micro-pellet with effects of warming kidney, invigorating qi, inducing diuresis and reliving edema and its preparation method

IN Mao, Youchang; Mao, Xiaomin

PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 1565488	A	20050119	CN 2003-124510	20030603
PRAI CN 2003-124510		20030603		

L2 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1009584 CAPLUS

DN 144:114121

TI Preparation and its quality control of Shenqi capsules

AU Chen, Zefan; Li, Xiaomei; Ye, Yuhua

CS Department of Pharmacy, Shaoyang Second People's Hospital of Hunan, Shaoyang, 422001, Peop. Rep. China

SO Zhongguo Linchuang Yaoxue Zazhi (2005), 14(4), 255-256

CODEN: ZLYZA5; ISSN: 1007-4406

PB Zhongguo Linchuang Yaoxue Zazhishe

DT Journal

LA Chinese

L2 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:885482 CAPLUS

TI Shenqi tonic drink made of ginseng and astragalus root

IN Dianguo, Li

PA Li Dianguo, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, No pp. given

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 1105545	A	19950726	CN 1994-100731	19940119
PRAI CN 1994-100731		19940119		

L2 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:600630 CAPLUS

DN 143:179543

TI Freeze-dried 'Shenqifuzheng' powder for injection and its preparing process

IN Zhang, Zhengsheng

PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, No pp. given

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1546151	A	20041117	CN 2003-10120040	20031202
PRAI	CN 2003-10120040		20031202		

L2 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:45293 CAPLUS

DN 140:65144

TI Nanometer 'Shenqi Wuweizi' medicinal preparation

IN Yang, Mengjun

PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1368232	A	20020911	CN 2001-102566	20010201
PRAI	CN 2001-102566		20010201		

L2 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:991879 CAPLUS

DN 140:19772

TI Nanometer 'Bawei Shenqi' medicinal preparation

IN Yang, Mengjun

PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1366957	A	20020904	CN 2001-102153	20010120
PRAI	CN 2001-102153		20010120		

=> s fuzheng

L3 15 FUZHENG

=> s l3 (L) l2

L4 2 L3 (L) L2

=> d ibib 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:600630 CAPLUS

DOCUMENT NUMBER: 143:179543

TITLE: Freeze-dried 'Shenqifuzheng' powder for injection and  
its preparing process

INVENTOR(S): Zhang, Zhengsheng

PATENT ASSIGNEE(S): Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, No pp.  
given

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

CN 1546151 A 20041117 CN 2003-10120040 20031202  
PRIORITY APPLN. INFO.: CN 2003-10120040 20031202

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2002:138382 CAPLUS  
DOCUMENT NUMBER: 137:226466  
TITLE: Protective effect and mechanism of Shenqi  
Fuzheng injection on diabetic glomerulopathy  
in rats with streptozotocin-induced diabetes  
AUTHOR(S): Li, Zhonghe; Liu, Zhangsuo; Hou, Xiufang; Qian,  
Qingwen; Liu, Shengyun  
CORPORATE SOURCE: The First Affiliated Hospital, Henan Medical  
University, Henan, 450052, Peop. Rep. China  
SOURCE: Zhongguo Yiyuan Yaoxue Zazhi (2002), 22(1), 15-17  
CODEN: ZYYAEP; ISSN: 1001-5213  
PUBLISHER: Zhongguo Yiyuan Yaoxue Zazhi Bianjibu  
DOCUMENT TYPE: Journal  
LANGUAGE: Chinese

=> d 12 all

L2 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2006:49444 CAPLUS  
ED Entered STN: 19 Jan 2006  
TI "Jinkui Shenqi" tablet, its preparation and its derived drug  
delivery system  
IN Mao, Youchang; Mao, Xiaomin  
PA Peop. Rep. China  
SO Faming Zhuanli Shengqing Gongkai Shuomingshu, 12 pp.  
CODEN: CNXXXEV  
DT Patent  
LA Chinese  
IC ICM A61K035-78  
      ICS A61P013-12; A61P001-14; A61K009-28; A61K009-48  
CC 63 (Pharmaceuticals)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 1631406	A	20050629	CN 2003-10121668	20031224
PRAI CN 2003-10121668		20031224		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
CN 1631406	ICM	A61K035-78
	ICS	A61P013-12; A61P001-14; A61K009-28; A61K009-48
	IPCI	A61K0035-78 [ICM,7]; A61P0013-12 [ICS,7]; A61P0001-14 [ICS,7]; A61K0009-28 [ICS,7]; A61K0009-48 [ICS,7]

AB The "Jinkui Shenqi" tablet is prepared from Rehmannia glutinosa,  
Paeonia sufruticosa root-bark, Dioscorea opposita, Cornus officinalis,  
Alisma plantago-aquatica, Poria cocos, Cinnamomum branch, Aconitum  
carmichaeli sub-root, Achyranthes bidentata, and Plantago asiatica seed by  
improved process. The improved process comprises (1) extracting with 6-10 fold  
70-85% alc. under refluxing twice each for 1-2 h; (2) extracting with 8-10 fold  
water under boiling for 1-2 h then with 6-8 fold water for 0.5-1 h; and  
(3) encapsulating the essential oil of C. branch with beta-cyclodextrin or  
hydroxypropyl-beta-cyclodextrin. The "Jinkui Shenqi" capsule  
may be prepared by the improved process.

=> d all 2

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2002:138382 CAPLUS  
DN 137:226466

ED Entered STN: 22 Feb 2002  
TI Protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes  
AU Li, Zhonghe; Liu, Zhangsuo; Hou, Xiufang; Qian, Qingwen; Liu, Shengyun  
CS The First Affiliated Hospital, Henan Medical University, Henan, 450052, Peop. Rep. China  
SO Zhongguo Yiyuan Yaoxue Zazhi (2002), 22(1), 15-17  
CODEN: ZYYAEP; ISSN: 1001-5213  
PB Zhongguo Yiyuan Yaoxue Zazhi Bianjibu  
DT Journal  
LA Chinese  
CC 1-10 (Pharmacology)  
AB The protective effect and mechanism of Shenqi Fuzheng injection on exptl. diabetic glomerulopathy was evaluated. The Shenqi Fuzheng injection was prepared from Chinese medicines. Expts. on rat diabetic glomerulopathy model induced by streptozotocin (60 mg kg<sup>-1</sup>) were conducted. Changes of blood pressure (BP), proteinuria, renal function [BUN, creatinine (CR)], activity of angiotensin II (Ang II) expression of c-fos and TGF- $\beta$ , were observed. Compared with control group, the group administered with Shenqi Fuzheng injection presented significant lower Cr levels in serum, BUN, BP, proteinuria, serum Ang II ( $P < 0.01$ ). It also significantly decreased the expression of TGF- $\beta$ 1 and c-fos gene in renal tissue ( $P < 0.01$ ). Shenqi Fuzheng injection could improved the circulation, decrease the serum level of Ang II and control the blood pressure, so it suppressed the proliferation of ECM (extracellular matrix), prevented glomerulus sclerosis and attenuated renal damage.  
ST Shenqi Fuzheng injection diabetic glomerulopathy nephroprotectant  
IT Natural products, pharmaceutical RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(Shenqi Fuzheng injection; protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)  
IT Transcription factors RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(c-fos, expression; protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)  
IT Kidney, disease  
(diabetic glomerulopathy; protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)  
IT Cytoprotective agents  
(nephroprotectants; protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)  
IT Antidiabetic agents  
Circulation  
Diabetes mellitus  
(protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)  
IT Transforming growth factors RL: BSU (Biological study, unclassified); BIOL (Biological study)  
( $\beta$ 1-, expression; protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)  
IT 50-99-7, D-Glucose, biological studies RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(blood; protective effect and mechanism of Shenqi Fuzheng injection on diabetic glomerulopathy in rats with streptozotocin-induced diabetes)

IT 11128-99-7, Angiotensin II  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(protective effect and mechanism of Shenqi Fuzheng  
injection on diabetic glomerulopathy in rats with streptozotocin-  
induced diabetes)

=>

---Logging off of STN---

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.01	25.66
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NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAplus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
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FILE COVERS 1907 - 14 Feb 2006 VOL 144 ISS 8  
FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

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=> s US 20040115664/pn  
L1 1 US 20040115664/PN  
                 (US2004115664/PN)

=> sel rn  
E1 THROUGH E113 ASSIGNED

FILE 'REGISTRY' ENTERED AT 11:50:16 ON 14 FEB 2006  
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STRUCTURE FILE UPDATES: 13 FEB 2006 HIGHEST RN 874180-50-4  
DICTIONARY FILE UPDATES: 13 FEB 2006 HIGHEST RN 874180-50-4

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\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
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experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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 417455 TUMOR?  
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 L4 691429 CANCER? OR TUMOR? OR NEOPLAS?

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L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2001:863850 CAPLUS  
DOCUMENT NUMBER: 136:32755  
TITLE: Nucleic acid compositions, kits, and methods for identification, assessment, prevention, and therapy of human breast cancer  
INVENTOR(S): Lillie, James; Palermo, Adam; Wang, Youzhen; Steinmann, Kathleen; Elias, Josh  
PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA  
SOURCE: PCT Int. Appl., 2674 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046697 A2		20010628	WO 2000-US35214	20001221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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			US 2000-2000/PV20523U	20000515
			US 2000-2000/PV21323U	20000620
			US 2000-2000/PV219865	20000720

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2001:716747 CAPLUS  
DOCUMENT NUMBER: 135:328138  
TITLE: Nucleic acid compositions, kits, and methods for identification, assessment, prevention, and therapy of human breast cancer  
INVENTOR(S): Lillie, James; Palermo, Adam; Wang, Youzhen; Steinmann, Kathleen; Elias, Josh  
PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA  
SOURCE: PCT Int. Appl., 2674 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046697 A2		20010628	WO 2000-US35214	20001221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:649957 CAPLUS

DOCUMENT NUMBER: 135:206496

TITLE: Nucleic acid compositions, kits, and methods for identification, assessment, prevention, and therapy of human breast cancer

INVENTOR(S): Lillie, James; Palermo, Adam; Wang, Youzhen; Steinmann, Kathleen; Elias, Josh

PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA

SOURCE: PCT Int. Appl., 2674 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046697 A2		20010628	WO 2000-US35214	20001221
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L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2001:290495 CAPLUS

Correction of: 2001:186025

DOCUMENT NUMBER: 134:350281

Correction of: 134:234030

TITLE: Gene expression marker nucleic acids and proteins for identification, assessment, prevention,

INVENTOR(S): and therapy of ovarian cancer  
 Lee, John; Thomphso, Pamela; Lillie, James  
 PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA  
 SOURCE: PCT Int. Appl., 1198 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001018542 A2		20010315	WO 2000-US24199	20000901
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG				
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L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2001:186025 CAPLUS  
 DOCUMENT NUMBER: 134:234030  
 TITLE: Gene expression marker nucleic acids and  
proteins for identification, assessment, prevention,  
and therapy of ovarian cancer  
 INVENTOR(S): Lee, John; Thomphso, Pamela; Lillie, James  
 PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA  
 SOURCE: PCT Int. Appl., 1198 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001018542 A2		20010315	WO 2000-US24199	20000901
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L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN  
 TI Gene expression marker nucleic acids and proteins for  
identification, assessment, prevention, and therapy of ovarian cancer  
 AB . . . detecting, characterizing, preventing, and treating human ovarian  
cancers. A variety of markers are provided, wherein changes in the levels  
of expression of one or more of the markers is correlated with  
the presence of ovarian cancer. The level of expression of the  
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RL: BSU (Biological study, unclassified); PRP (Properties); BIOL  
(Biological study)

(nucleotide sequence; gene expression marker nucleic acids  
and proteins for identification, assessment, prevention, and t

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L4 691429 S CANCER? OR TUMOR? OR NEOPLAS?  
L5 143 S L3 (L) L4  
L6 307496 S SCREEN?  
L7 82 S L6 AND L5  
L8 77 S EXPRESSION AND L7  
L9 0 S L8 NOT PY>2000  
L10 5 S L8 NOT PY>2001

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OTHER NAMES:

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FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

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L2 ANSWER 2 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
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FS NUCLEIC ACID SEQUENCE

MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

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    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
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CN DNA, d(A-C-A-G-T-T-C-C-T-C-C-T-C-T-G-G-A-T) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 14: PN: WO0242493 SEQID: 14 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-44-0 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(A-T-C-T-C-A-C-C-A-G-G-C-A-T-A-A-G-C-T-C-C-T) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 13: PN: WO0242493 SEQID: 13 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-43-9 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(T-G-T-A-T-C-A-T-C-T-C-G-C-C-T-A-A-G-A-C-C-A-A-G) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 12: PN: WO0242493 SEQID: 12 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-42-8 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(T-G-T-T-G-A-T-T-C-C-T-C-A-G-A-A-C-G-C-A-T-C) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 11: PN: WO0242493 SEQID: 11 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-41-7 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(T-G-T-A-G-G-C-T-G-T-C-T-G-G-A-G-C-A-T-C-T-C-T) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 10: PN: WO0242493 SEQID: 10 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-40-6 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(C-C-A-A-G-T-T-A-C-G-A-A-G-C-T-C-T-G-T-C-C-A-T) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 9: PN: WO0242493 SEQID: 9 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-39-3 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(G-A-G-A-G-A-T-T-C-T-A-C-C-A-G-G-T-C-G-T-C-A-T-C-A) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 8: PN: WO0242493 SEQID: 8 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-38-2 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(G-T-C-A-T-T-C-T-G-C-T-G-A-G-C-T-T-G-C-A-C-T-T-A) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 7: PN: WO0242493 SEQID: 7 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-37-1 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(G-T-T-G-T-G-G-C-G-T-T-A-G-A-A-G-A-T-T-G-G-A-T-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 6: PN: WO0242493 SEQID: 6 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    1 REFERENCES IN FILE CA (1907 TO DATE)  
    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-36-0 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(C-A-G-A-A-T-C-A-A-T-A-G-C-C-C-A-G-A-G-A-G-C-T-T) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5: PN: WO0242493 SEQID: 5 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-34-8 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(G-A-T-A-C-G-C-C-A-C-A-T-G-T-T-C-A-C-C-T-T-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 4: PN: WO0242493 SEQID: 4 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-33-7 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(G-C-A-T-T-T-A-C-G-G-T-T-C-C-C-T-G-A-G-A-T) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3: PN: WO0242493 SEQID: 3 unclaimed sequence  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 433578-32-6 REGISTRY  
ED Entered STN: 25 Jun 2002  
CN DNA, d(G-A-A-G-A-T-G-G-T-G-A-T-G-G-G-A-T-T-T-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 2: PN: WO0242493 SEQID: 2 unclaimed DNA  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

    1 REFERENCES IN FILE CA (1907 TO DATE)

    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 433578-31-5 REGISTRY

ED Entered STN: 25 Jun 2002

CN DNA, d(G-A-A-G-G-T-G-A-A-G-G-T-C-G-G-A-G-T-C) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO0242493 SEQID: 1 unclaimed DNA

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

    1 REFERENCES IN FILE CA (1907 TO DATE)

    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 391844-58-9 REGISTRY

ED Entered STN: 12 Feb 2002

CN DNA (human clone A-589H1 ) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1098: PN: WO03038130 FIGURE: 3 claimed DNA

CN 1126: PN: WO03091391 TABLE: 20 unclaimed DNA

CN 1176: PN: WO2004037996 TABLE: 3 claimed DNA

CN 129: PN: WO03010336 TABLE: 1B claimed DNA

CN 1397: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 152: PN: WO2004097051 PAGE: 29 claimed DNA

CN 155: PN: US20040009481 TABLE: 1 claimed DNA

CN 19: PN: US20040009481 TABLE: 1 claimed DNA

CN 30: PN: WO03095618 TABLE: 1 unclaimed DNA

CN 851: PN: WO03081201 TABLE: 1 claimed DNA

CN 885: PN: WO02068677 TABLE: 2 claimed DNA

CN 890: PN: WO03016476 TABLE: 2 claimed DNA

CN DNA (human clone A-589H1 gene A-589H1.1 plus gene A-589H1.1)

CN GenBank AC002045

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

    17 REFERENCES IN FILE CA (1907 TO DATE)

    17 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 391840-93-0 REGISTRY

ED Entered STN: 12 Feb 2002

CN DNA (human pyridoxal kinase cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 111: PN: WO2005028676 PAGE: 71 unclaimed DNA

CN 1237: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 1400: PN: WO0224956 FIGURE: 9 claimed DNA  
CN 2093: PN: WO02059377 TABLE: 13 claimed DNA  
CN 3143: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 348: PN: WO2004097051 PAGE: 36 claimed DNA  
CN 5042: PN: WO2004048933 PAGE: 37-46 unclaimed DNA  
CN 5477: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 606: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 60: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 803: PN: WO03081201 TABLE: 1 claimed DNA  
CN 960: PN: WO03016476 TABLE: 16 claimed DNA  
CN GenBank U89606  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
16 REFERENCES IN FILE CA (1907 TO DATE)  
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 19 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391840-28-1 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human O-linked GlcNAc transferase) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1887: PN: WO03042661 TABLE: 60A claimed DNA  
CN 2416: PN: WO2004048938 TABLE: 1A-5A claimed DNA  
CN 2573: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 2688: PN: WO03042661 TABLE: 68A claimed DNA  
CN 31: PN: WO03087162 TABLE: 1 unclaimed DNA  
CN 3422: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3789: PN: WO0224956 FIGURE: 7 claimed DNA  
CN 3: PN: US20040214255 PAGE: 6 unclaimed DNA  
CN 513: PN: WO02059377 TABLE: 21 unclaimed DNA  
CN 5346: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 540: PN: WO2004048938 TABLE: 6A-11A claimed DNA  
CN 846: PN: WO03042661 TABLE: 6A claimed DNA  
CN 980: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN DNA (human O-linked GlcNAc transferase cDNA)  
CN GenBank U77413  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
16 REFERENCES IN FILE CA (1907 TO DATE)  
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391835-97-5 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line breast carcinoma line MDAMB435 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1172: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1913: PN: WO03016476 TABLE: 14 claimed DNA

CN 2353: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2872: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2872: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 2873: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2873: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 3018: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 3033: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 3074: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 319: PN: WO0224956 FIGURE: 8 claimed DNA  
CN 3208: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3294: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3424: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 3451: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 3613: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 394: PN: WO03010336 TABLE: 1C claimed DNA  
CN 5445: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 677: PN: WO0224956 FIGURE: 4 claimed DNA  
CN DNA (human cell line breast carcinoma line MDAMB435 gene RAE1 cDNA)  
CN GenBank U84720  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
25 REFERENCES IN FILE CA (1907 TO DATE)  
26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 21 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391833-61-7 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line NEC14 clone N9 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 2921: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2921: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 2922: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2922: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 3082: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 3123: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 3257: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3343: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3473: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 3500: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 4193: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 4795: PN: WO03091391 FIGURE: 7 claimed DNA  
CN 632: PN: WO0224956 FIGURE: 8 claimed DNA  
CN DNA (human cell line NEC14 clone N9 gene Rep-8 cDNA)  
CN DNA (human NEC14 cell clone N9 gene Rep-8 protein cDNA plus flanks)  
CN GenBank D83767  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
18 REFERENCES IN FILE CA (1907 TO DATE)  
18 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 22 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391832-06-7 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human gene VRK2 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1019: PN: WO03042661 TABLE: 34A claimed DNA  
CN 1106: PN: WO03081201 TABLE: 1 claimed DNA  
CN 163: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 1753: PN: WO2003025138  
CN 182: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 193: PN: WO2004031412 TABLE: 3 unclaimed DNA  
CN 1: PN: WO02079492 TABLE: 1 claimed DNA  
CN 2440: PN: WO03016476 TABLE: 28 claimed DNA  
CN 2518: PN: WO03042661 TABLE: 15A claimed DNA  
CN 2530: PN: WO03042661 TABLE: 49A claimed DNA  
CN 2925: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 3635: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 3635: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 3636: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 3636: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 3796: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 3837: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 3971: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 4057: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 4187: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 4214: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 4465: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 560: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 770: PN: WO2004087954 PAGE: 72/116 unclaimed DNA  
CN 7: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 961: PN: WO2004063355 TABLE: 11a claimed DNA  
CN GenBank AB000450  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
35 REFERENCES IN FILE CA (1907 TO DATE)  
35 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 23 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391831-88-2 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human phosphoethanolamine cytidylyltransferase cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1532: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2273: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 271: PN: WO2004037996 TABLE: 2 claimed DNA  
CN 3432: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 4222: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 520: PN: WO2004038376 TABLE: 4 unclaimed DNA  
CN 531: PN: WO03016475 TABLE: 2 claimed DNA  
CN 565: PN: WO2004031410 TABLE: 3 unclaimed DNA  
CN 625: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 676: PN: WO0224956 FIGURE: 1 claimed DNA  
CN GenBank D84307  
FS NUCLEIC ACID SEQUENCE

MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
11 REFERENCES IN FILE CA (1907 TO DATE)  
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 24 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391826-65-6 REGISTRY

ED Entered STN: 12 Feb 2002

CN DNA (human gene MIPEP) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1085: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1374: PN: WO03042661 TABLE: 67A claimed DNA  
CN 1591: PN: WO03022987 TABLE: 11A claimed DNA  
CN 1742: PN: WO2003025138  
CN 184: PN: WO2005098041 PAGE: 118 claimed DNA  
CN 20: PN: WO2005056752 PAGE: 39 unclaimed DNA  
CN 2237: PN: WO2002057414  
CN 350: PN: WO2005002414 PAGE: 23 claimed DNA  
CN 3524: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 371: PN: WO02059377 TABLE: 20 unclaimed DNA  
CN 383: PN: WO03042661 TABLE: 6A claimed DNA  
CN 437: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 5401: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 590: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 708: PN: WO0224956 FIGURE: 8 claimed DNA  
CN 818: PN: WO2004063355 TABLE: 2A claimed DNA  
CN 889: PN: WO03042661 TABLE: 59A claimed DNA  
CN DNA (human gene MIPEP cDNA)

CN GenBank U80034

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
22 REFERENCES IN FILE CA (1907 TO DATE)  
22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 25 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391820-03-4 REGISTRY

ED Entered STN: 12 Feb 2002

CN DNA (human clone 23759 cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1045: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2087: PN: WO02059377 TABLE: 13 claimed DNA  
CN 309: PN: WO2004108964 PAGE: 44 claimed DNA  
CN 3485: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3871: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 5377: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 786: PN: WO0224956 FIGURE: 11 claimed DNA  
CN DNA (human clone 23759 unknown cDNA)  
CN GenBank U79241  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified

CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 26 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 391816-51-6 REGISTRY

ED Entered STN: 12 Feb 2002

CN DNA (human gene HsCDC6 cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1002: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 13: PN: WO2005035724 PAGE: 13 unclaimed DNA

CN 1726: PN: WO2003025138

CN 186: PN: WO03104466 FIGURE: 12 unclaimed DNA

CN 2278: PN: WO03081201 TABLE: 4 claimed DNA

CN 315: PN: EP1365034 TABLE: 1 unclaimed DNA

CN 3446: PN: WO03038130 FIGURE: 3 claimed DNA

CN 3: PN: US20030232364 TABLE: 2 unclaimed DNA

CN 521: PN: WO2005047534 PAGE: 138 unclaimed DNA

CN 526: PN: WO2005002414 PAGE: 28 claimed DNA

CN 5357: PN: WO2004037996 TABLE: 3 claimed DNA

CN 634: PN: WO03042661 TABLE: 6A claimed DNA

CN 718: PN: WO2004087954 PAGE: 71/116 unclaimed DNA

CN 83: PN: WO03087404 TABLE: 12B claimed DNA

CN GenBank U77949

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
20 REFERENCES IN FILE CA (1907 TO DATE)  
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 27 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 391789-74-5 REGISTRY

ED Entered STN: 12 Feb 2002

CN DNA (human protein APP-BP1 (amyloid precursor protein-binding protein 1) cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 125: PN: US20030104426 TABLE: 1 claimed DNA

CN 141: PN: WO2003029273

CN 1462: PN: WO2005003350 PAGE: 152 unclaimed DNA

CN 1489: PN: US20040009481 TABLE: 1 claimed DNA

CN 1666: PN: WO2003025138

CN 172: PN: WO2004085614 PAGE: 39 claimed DNA

CN 1: PN: WO03016475 TABLE: 2 claimed DNA

CN 2021: PN: WO03095618 TABLE: 1 unclaimed DNA

CN 2062: PN: WO02059377 TABLE: 2 claimed DNA

CN 2655: PN: WO02070737 FIGURE: 6 unclaimed DNA

CN 2900: PN: WO03038130 FIGURE: 3 claimed DNA

CN 3860: PN: WO03042661 TABLE: 51A claimed DNA

CN 3989: PN: WO03091391 TABLE: 20 unclaimed DNA

CN 438: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 5077: PN: WO2004037996 TABLE: 3 claimed DNA

CN 641: PN: US20050209179 TABLE: 1 unclaimed DNA  
CN 671: PN: WO03081201 TABLE: 1 claimed DNA  
CN GenBank U50939  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
19 REFERENCES IN FILE CA (1907 TO DATE)  
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 28 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391788-68-4 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line HepG2 cells clone hPAP39-1 cDNA) (9CI) (CA INDEX NAME).

OTHER NAMES:

CN 1359: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 1643: PN: WO0224956 FIGURE: 12 claimed DNA  
CN 2627: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2627: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 2628: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2628: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 2788: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 2829: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 2963: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3049: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3085: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3179: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 3206: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 4007: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 420: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 452: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 596: PN: WO0224956 FIGURE: 1 claimed DNA  
CN 701: PN: WO0224956 FIGURE: 8 claimed DNA  
CN DNA (human cell line HepG2 cells clone hPAP39-1 phosphoribosypyrophosphate synthetase-associated protein 39 cDNA)  
CN GenBank D61391  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
21 REFERENCES IN FILE CA (1907 TO DATE)  
21 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 29 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391784-82-0 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human glutathione synthetase cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 156: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 1: PN: WO03050535 TABLE: 1 unclaimed DNA  
CN 2058: PN: WO02059377 TABLE: 13 claimed DNA  
CN 211: PN: WO2004085614 PAGE: 41 claimed DNA

CN 2522: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2588: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2598: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 320: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 3741: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 69: PN: WO03087315 TABLE: 1 claimed DNA  
CN 80: PN: WO03016527 PAGE: 23 unclaimed DNA  
CN 835: PN: WO03016476 TABLE: 2 claimed DNA  
CN DNA (human glutathione synthetase cDNA plus flanks)  
CN GenBank U34683  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
21 REFERENCES IN FILE CA (1907 TO DATE)  
21 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 30 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391783-95-2 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line TIG-1-20 gene CAD cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1903: PN: WO03081201 TABLE: 3 claimed DNA  
CN 323: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 324: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 324: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 324: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 4104: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 460: PN: WO03010336 TABLE: 1C claimed DNA  
CN 4695: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 484: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 525: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 659: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 745: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 7: PN: DE10330686 TABLE: 2 unclaimed DNA  
CN 7: PN: WO2004050884 TABLE: 2 unclaimed DNA  
CN 875: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 902: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN GenBank D78586  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
20 REFERENCES IN FILE CA (1907 TO DATE)  
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 31 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391783-93-0 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line KG-1 gene Nup160) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1264: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 2207: PN: WO2002057414

CN 2429: PN: US20050003394 TABLE: 3X unclaimed DNA  
CN 2437: PN: US20040241726 TABLE: 3X unclaimed DNA  
CN 2520: PN: US20040241728 TABLE: 3X unclaimed DNA  
CN 2543: PN: US20040248170 TABLE: 3X unclaimed DNA  
CN 2571: PN: US20050123938 TABLE: 3X unclaimed DNA  
CN 2579: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2586: PN: US20050042630 TABLE: 3X unclaimed DNA  
CN 2589: PN: US20040265868 TABLE: 3X unclaimed DNA  
CN 2668: PN: US20040241729 TABLE: 3X unclaimed DNA  
CN 2771: PN: US20040241727 TABLE: 3X unclaimed DNA  
CN 3370: PN: WO03042661 TABLE: 29A claimed DNA  
CN 361: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 367: PN: WO02103320 TABLE: 1 claimed DNA  
CN 370: PN: WO02103320 TABLE: 1 claimed DNA  
CN 373: PN: US20040058340 TABLE: 2 unclaimed DNA  
CN 4203: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 43: PN: WO2005012875 PAGE: 40 claimed DNA  
CN 4760: PN: US20050079514 TABLE: 3X unclaimed DNA  
CN 550: PN: WO03042661 TABLE: 6A claimed DNA  
CN 626: PN: WO2005002414 PAGE: 31 claimed DNA  
CN 662: PN: WO03042661 TABLE: 30A claimed DNA  
CN 91: PN: WO2004087955 PAGE: 15/53 claimed DNA  
CN GenBank D83781  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
25 REFERENCES IN FILE CA (1907 TO DATE)  
25 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 32 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391774-10-0 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human HeLa cell protein p59ILK kinase cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 109: PN: US20040180038 PAGE: 62 unclaimed DNA  
CN 146: PN: WO02063037 TABLE: 2 unclaimed DNA  
CN 182: PN: US20050059153 PAGE: 17 unclaimed DNA  
CN 1913: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 25: PN: WO2004031775 TABLE: 1 unclaimed DNA  
CN 2606: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2622: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3313: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 594: PN: WO2004031413 TABLE: 1 unclaimed DNA  
CN 611: PN: WO03068054 TABLE: 1 unclaimed DNA  
CN 756: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 792: PN: WO2006005042 PAGE: 64 unclaimed DNA  
CN 886: PN: WO0146697 TABLE: 21 claimed DNA  
CN DNA (human cell line HeLa gene ILK cDNA)  
CN GenBank U40282  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
21 REFERENCES IN FILE CA (1907 TO DATE)  
21 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 33 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391773-39-0 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human gene PDCD2 protein cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1533: PN: WO03081201 TABLE: 3 claimed DNA  
CN 174: PN: WO03091391 FIGURE: 10 unclaimed DNA  
CN 1788: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2217: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 3177: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3787: PN: WO03016476 TABLE: 28 claimed DNA  
CN 396: PN: WO02059367 TABLE: 3 unclaimed DNA  
CN 4503: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 4769: PN: WO03016476 TABLE: 20 claimed DNA  
CN DNA (human gene PDCD2 cDNA)  
CN GenBank S78085  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
15 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 34 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391772-73-9 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line KG-1 clone ha023151 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 134: PN: US20030134776 TABLE: 4A unclaimed DNA  
CN 1539: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 1638: PN: WO2003025138  
CN 2372: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3123: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 3123: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 3124: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 3124: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 3284: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 3325: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 3459: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3545: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3675: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 3702: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 4126: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 790: PN: WO2004108948 PAGE: 76 claimed DNA  
CN DNA (human cell line KG-1 clone ha023151 gene KIAA0169 cDNA)  
CN GenBank D79991  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
22 REFERENCES IN FILE CA (1907 TO DATE)  
22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 35 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391772-69-3 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line KG-1 gene KIAA0161 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1260: PN: WO2004048938 TABLE: 6A-11A claimed DNA  
CN 1311: PN: WO03016476 TABLE: 16 claimed DNA  
CN 1636: PN: WO2003025138  
CN 1834: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 1835: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 1835: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 1835: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 1969: PN: US20040009481 TABLE: 1 claimed DNA  
CN 1995: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 2036: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 2170: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 2256: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 234: PN: WO2004048938 TABLE: 1A-5A claimed DNA  
CN 2386: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 2413: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 372: PN: JP2005253442 TABLE: 2 unclaimed DNA  
CN 3840: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 4112: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 836: PN: US20040009481 TABLE: 1 claimed DNA  
CN 840: PN: WO03081201 TABLE: 1 claimed DNA  
CN GenBank D79983  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
26 REFERENCES IN FILE CA (1907 TO DATE)  
26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 36 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391772-51-3 REGISTRY  
ED Entered STN: 12 Feb 2002  
CN DNA (human cell line KG-1 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1451: PN: WO03042661 TABLE: 59A claimed DNA  
CN 162: PN: WO02059377 TABLE: 13 claimed DNA  
CN 1635: PN: WO2003025138  
CN 1726: PN: WO0224956 FIGURE: 12 claimed DNA  
CN 1812: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 1819: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 1828: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 1829: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 1829: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 1829: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 1989: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 2030: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 211: PN: US20050095607 PAGE: 30 unclaimed DNA  
CN 2164: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 2250: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 2380: PN: US20040241726 TABLE: 2 unclaimed DNA

CN 2407: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 3092: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3968: PN: WO03016476 TABLE: 20 claimed DNA  
CN 434: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 484: PN: WO03016476 TABLE: 11 claimed DNA  
CN 58: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 776: PN: WO2005002414 PAGE: 35 claimed DNA  
CN DNA (human cell line KG-1 gene KIAA0146 cDNA)  
CN GenBank D63480  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
29 REFERENCES IN FILE CA (1907 TO DATE)  
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 37 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391592-81-7 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line HL-60 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 128: PN: WO2003029273  
CN 1735: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2034: PN: WO03081201 TABLE: 3 claimed DNA  
CN 3752: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 486: PN: WO03010336 TABLE: 1C claimed DNA  
CN 497: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 79: PN: WO2004091548 PAGE: 43 claimed DNA  
CN GenBank L47276  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
15 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 38 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391591-05-2 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line KG-1 gene KIAA0159) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 127: PN: WO2003029273  
CN 153: PN: WO2004092417 PAGE: 42 unclaimed DNA  
CN 1602: PN: WO2003025138  
CN 221: PN: WO2004063355 TABLE: 7a claimed DNA  
CN 2284: PN: WO03042661 TABLE: 3A claimed DNA  
CN 299: PN: WO2004048938 TABLE: 1A-5A claimed DNA  
CN 3106: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3371: PN: WO03042661 TABLE: 57A claimed DNA  
CN 3410: PN: WO03042661 TABLE: 50A claimed DNA  
CN 3890: PN: WO03042661 TABLE: 10A claimed DNA  
CN 4052: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 462: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 601: PN: WO2004108964 PAGE: 50 claimed DNA  
CN 647: PN: WO2004048938 TABLE: 6A-11A claimed DNA  
CN 798: PN: WO02086443 TABLE: 9A unclaimed DNA  
CN DNA (human cell line KG-1 gene KIAA0159 cDNA)  
CN GenBank D63880  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
18 REFERENCES IN FILE CA (1907 TO DATE)  
18 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 39 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391588-55-9 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line U118-MG clone 17 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 119: PN: WO2004031414 TABLE: 4 unclaimed DNA  
CN 1270: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 1: PN: WO03008542 TABLE: 1 unclaimed DNA  
CN 2397: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2415: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 329: PN: WO03016476 TABLE: 16 claimed DNA  
CN 3849: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4841: PN: WO2004037996 TABLE: 3 claimed DNA  
CN DNA (human cell line U118-MG clone 17 gene GPS2 cDNA)  
CN GenBank U28963  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
11 REFERENCES IN FILE CA (1907 TO DATE)  
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 40 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391575-76-1 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human clone 18-11 gene MTAP methylthioadenosine phosphorylase cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1774: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2312: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3339: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 795: PN: WO0146697 TABLE: 21 claimed DNA  
CN GenBank U22233  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    5 REFERENCES IN FILE CA (1907 TO DATE)  
    5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 41 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391569-47-4 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human gene RB1 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 297: PN: US20050003341 PAGE: 36 unclaimed DNA  
CN 325: PN: US20040022764 PAGE: 29-33 claimed DNA  
CN 373: PN: US20050260620 TABLE: 1 unclaimed DNA  
CN GenBank L41870  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    5 REFERENCES IN FILE CA (1907 TO DATE)  
    5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 42 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391556-68-6 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line KG-1 clone ha009021 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 245: PN: WO03081201 TABLE: 1 claimed DNA  
CN 2531: PN: WO2004063355 TABLE: 12a claimed DNA  
CN 281: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2915: PN: WO02059377 TABLE: 13 claimed DNA  
CN 3026: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 306: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3875: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 3888: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 4524: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 6: PN: US6833237 TABLE: 7 unclaimed DNA  
CN DNA (human cell line KG-1 clone ha009021 gene KIAA0100 cDNA)  
CN GenBank D43947  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
    14 REFERENCES IN FILE CA (1907 TO DATE)  
    14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 43 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391556-65-3 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human clone pSTU65 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1: PN: WO03008542 TABLE: 1 unclaimed DNA  
CN 2233: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3614: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3745: PN: WO03016476 TABLE: 20 claimed DNA  
CN 375: PN: WO03083140 TABLE: 11 claimed DNA

CN 4056: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 4726: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 538: PN: WO02059367 TABLE: 3 unclaimed DNA  
CN 611: PN: WO03081201 TABLE: 1 claimed DNA  
CN 81: PN: EP1607486 TABLE: II claimed DNA  
CN 913: PN: WO0224956 FIGURE: 4 claimed DNA  
CN DNA (human clone pSTU65 CDC16Hs cDNA)  
CN GenBank U18291  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
14 REFERENCES IN FILE CA (1907 TO DATE)  
14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 44 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391554-36-2 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line KG-1 gene HCAP-H cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 136: PN: US20030104426 TABLE: 1 claimed DNA  
CN 1: PN: WO02066681 TABLE: 1 unclaimed DNA  
CN 222: PN: WO03104466 FIGURE: 12 unclaimed DNA  
CN 357: PN: WO02103320 TABLE: 1 claimed DNA  
CN 362: PN: WO02103320 TABLE: 1 claimed DNA  
CN 363: PN: US20040058340 TABLE: 2 unclaimed DNA  
CN 3845: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 772: PN: WO2004087954 PAGE: 72/116 unclaimed DNA  
CN 7: PN: WO02061134 TABLE: 1 unclaimed DNA  
CN GenBank D38553  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 45 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391554-27-1 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line KG-1 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 100: PN: US20040241726 TABLE: 3J unclaimed DNA  
CN 137: PN: US20040248170 TABLE: 3J unclaimed DNA  
CN 1528: PN: WO2003025138  
CN 1770: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 180: PN: US20050042630 TABLE: 3J unclaimed DNA  
CN 1862: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2112: PN: US20050079514 TABLE: 3J unclaimed DNA  
CN 211: PN: US20050123938 TABLE: 3J unclaimed DNA  
CN 228: PN: WO2005118865 TABLE: 7b claimed DNA  
CN 23: PN: WO2004074478 TABLE: 1 unclaimed DNA  
CN 243: PN: US20040241728 TABLE: 3J unclaimed DNA

CN 254: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 257: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 262: PN: US20040241729 TABLE: 3J unclaimed DNA  
CN 3000: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 312: PN: US20040265868 TABLE: 3J unclaimed DNA  
CN 356: PN: WO02103320 TABLE: 1 claimed DNA  
CN 3581: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 361: PN: WO02103320 TABLE: 1 claimed DNA  
CN 362: PN: US20040058340 TABLE: 2 unclaimed DNA  
CN 362: PN: US20050003394 TABLE: 3J unclaimed DNA  
CN 365: PN: US20040241727 TABLE: 3J unclaimed DNA  
CN 3829: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 508: PN: WO2004097051 PAGE: 81 claimed DNA  
CN 582: PN: WO2004053066 PAGE: 117 claimed DNA  
CN 615: PN: WO03010336 TABLE: 1C claimed DNA  
CN 722: PN: WO2004031410 TABLE: 3 unclaimed DNA  
CN 845: PN: WO03016475 TABLE: 2 claimed DNA  
CN DNA (human cell line KG-1 gene KIAA0077 cDNA)  
CN GenBank D38521  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
33 REFERENCES IN FILE CA (1907 TO DATE)  
33 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 46 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391553-58-5 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human clone pH1.6, lambda P2.2, lambda L3.2 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 2194: PN: US20040009481 TABLE: 1 claimed DNA  
CN 2798: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 3654: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 635: PN: WO0224956 FIGURE: 1 claimed DNA  
CN DNA (human clone pH1.6, lambda P2.2, lambda L3.2 gene PxF cDNA)  
CN GenBank X75535  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 47 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391553-34-7 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human dihydrolipoamide succinyltransferase gene) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 126: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1326: PN: WO0224956 FIGURE: 5 claimed DNA

CN 1604: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2937: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3691: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3: PN: WO03008647 TABLE: 13b unclaimed DNA  
CN 99: PN: US20040005612 TABLE: 2-3 unclaimed DNA  
CN GenBank D26535  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 48 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391551-43-2 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human gene GRSF-1 G-rich sequence factor-1 cDNA plus flanks) (9CI)  
(CA INDEX NAME)  
OTHER NAMES:  
CN 1341: PN: US20040009481 TABLE: 1 claimed DNA  
CN 1623: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1975: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3368: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3614: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 4602: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 691: PN: WO0146697 TABLE: 21 claimed DNA  
CN 84: PN: US20050214836 TABLE: 3 unclaimed DNA  
CN 947: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN GenBank U07231  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 49 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391550-87-1 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human HeLa cell splicesomal protein SAP 61 cDNA plus flanks) (9CI)  
(CA INDEX NAME)  
OTHER NAMES:  
CN 1641: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2016: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 209: PN: WO2004092417 PAGE: 44 unclaimed DNA  
CN 281: PN: WO03010336 TABLE: 1B claimed DNA  
CN 860: PN: WO02059367 TABLE: 3 unclaimed DNA  
CN DNA (human cell line HeLa gene SAP 61 cDNA)  
CN GenBank U08815  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
7 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 50 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 391546-11-5 REGISTRY

ED Entered STN: 11 Feb 2002

CN DNA (human gene LBR) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 108: PN: WO2004108964 PAGE: 37 claimed DNA  
CN 1317: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 1338: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 1508: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1952: PN: WO03081201 TABLE: 3 claimed DNA  
CN 2141: PN: WO2002057414  
CN 235: PN: US20040180038 PAGE: 14 unclaimed DNA  
CN 283: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3636: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3848: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 384: PN: WO2004092417 PAGE: 49 unclaimed DNA  
CN 482: PN: WO03010336 TABLE: 1C claimed DNA  
CN 59: PN: WO03048383 TABLE: 1 unclaimed DNA  
CN DNA (human gene LBR cDNA)  
CN GenBank L25931

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
18 REFERENCES IN FILE CA (1907 TO DATE)  
18 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 51 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 391545-54-3 REGISTRY

ED Entered STN: 11 Feb 2002

CN DNA (human KG-1 cell protein KIAA0029 fragment-specifying cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 159: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1733: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2042: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 232: PN: WO0220846 SEQID: 273 claimed DNA  
CN 232: PN: WO0220849 SEQID: 273 claimed DNA  
CN 2914: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3249: PN: WO03016476 TABLE: 28 claimed DNA  
CN 3636: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 82: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN DNA (human cell line KG-1 cDNA)  
CN DNA (human cell line KG-1 gene KIAA0029 cDNA)

CN GenBank D21852

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 52 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391543-76-3 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human gene ITPR3 type 3 inositol 1,4,5-trisphosphate receptor cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 104: PN: WO2005043121 PAGE: 45 unclaimed DNA  
CN 1053: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 1400: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 1497: PN: WO0224956 FIGURE: 9 claimed DNA  
CN 169: PN: WO0224956 FIGURE: 11 claimed DNA  
CN 169: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 2428: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 25: PN: WO2004053074 PAGE: 163 unclaimed DNA  
CN 282: PN: WO03083140 TABLE: 8 unclaimed DNA  
CN 3252: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4545: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 472: PN: WO2005098041 PAGE: 124 claimed DNA  
CN 48: PN: WO2005000088 PAGE: 67 unclaimed DNA  
CN 819: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN DNA (human cell line HT29 gene ITPR3 cDNA)  
CN DNA (human ITPR3 gene cDNA plus flanks)  
CN GenBank U01062  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
19 REFERENCES IN FILE CA (1907 TO DATE)  
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 53 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391541-65-4 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line HT1080 clone HT14.2 ) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1103: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 1130: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 1718: PN: US20040009481 TABLE: 1 claimed DNA  
CN 1839: PN: WO03016475 TABLE: 3 claimed DNA  
CN 1877: PN: WO0224956 FIGURE: 12 claimed DNA  
CN 1: PN: US20020173026 PAGE: 8 unclaimed DNA  
CN 2122: PN: WO02059377 TABLE: 13 claimed DNA  
CN 2423: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 283: PN: WO03053223 FIGURE: 3 unclaimed DNA  
CN 3966: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3973: PN: WO0146697 TABLE: 21 claimed DNA  
CN 4747: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 503: PN: US20050222029 TABLE: 6 unclaimed DNA  
CN 551: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 552: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 552: PN: US20050003394 TABLE: 2 unclaimed DNA

CN 552: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 603: PN: WO02059367 TABLE: 3 unclaimed DNA  
CN 6158: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 712: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 753: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 80: PN: WO0179254 TABLE: 2 claimed DNA  
CN 887: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 973: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN DNA (human cell line HT1080 clone HT14.2 subunit of coatomer complex)  
CN GenBank X70476  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
29 REFERENCES IN FILE CA (1907 TO DATE)  
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 54 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391539-91-6 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line KG-1 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1349: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 1718: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2757: PN: WO03016476 TABLE: 28 claimed DNA  
CN 2863: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3555: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 4426: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 540: PN: US20030077568 TABLE: 1 claimed DNA  
CN 724: PN: US20040009481 TABLE: 1 claimed DNA  
CN 761: PN: WO0224956 FIGURE: 4 claimed DNA  
CN DNA (human cell line KG-1 gene KIAA0103 cDNA)  
CN GenBank D14659  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
11 REFERENCES IN FILE CA (1907 TO DATE)  
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 55 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391537-10-3 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human cell line MRC-5 V2 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1003: PN: WO02059367 TABLE: 5 unclaimed DNA  
CN 1226: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 15: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 1829: PN: WO03081201 TABLE: 3 claimed DNA  
CN 1: PN: WO03008542 TABLE: 1 unclaimed DNA  
CN 329: PN: WO2005098041 PAGE: 121 claimed DNA  
CN 3493: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 652: PN: WO03095618 TABLE: 1 unclaimed DNA

CN 980: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN DNA (human cell line MRC-5 V2 IEF SSP 9502 cDNA)  
CN GenBank L07758  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
12 REFERENCES IN FILE CA (1907 TO DATE)  
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 56 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391535-43-6 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human HeLa S3 cell transcription factor ISGF-3 cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 111: PN: WO2004083366 PAGE: 63 claimed DNA  
CN 116: PN: WO2004111197 PAGE: 13/81 claimed DNA  
CN 1293: PN: US20040009481 TABLE: 1 claimed DNA  
CN 1376: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 1464: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 1636: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 1943: PN: WO02059377 TABLE: 10a claimed DNA  
CN 197: PN: WO2004038376 TABLE: 3 unclaimed DNA  
CN 2102: PN: WO2002057414  
CN 237: PN: EP1403638 PAGE: 34 claimed DNA  
CN 262: PN: US20050059147 PAGE: 60 unclaimed DNA  
CN 2799: PN: WO03016476 TABLE: 3 claimed DNA  
CN 2916: PN: WO02068677 TABLE: 12 claimed DNA  
CN 292: PN: WO2004053066 PAGE: 95 claimed DNA  
CN 2998: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3065: PN: WO03016476 TABLE: 15 claimed DNA  
CN 3146: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 3146: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 3147: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 3147: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 3307: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 3348: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 3482: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 351: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 3568: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3698: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 370: PN: WO03010336 TABLE: 1C claimed DNA  
CN 3725: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 379: PN: US20050059153 PAGE: 21 unclaimed DNA  
CN 387: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 3: PN: US20030134776 TABLE: 1 unclaimed DNA  
CN 445: PN: WO03068054 TABLE: 1 unclaimed DNA  
CN 58: PN: US20030194701 FIGURE: 2 unclaimed DNA  
CN 71: PN: WO02063037 TABLE: 1 unclaimed DNA  
CN 84: PN: WO2004026109 TABLE: 1 unclaimed DNA  
CN 97: PN: WO2004037996 TABLE: 1 claimed DNA  
CN 99: PN: WO2004065577 PAGE: 133 claimed DNA  
CN DNA (human cell line Hela S3 (ATTC) transcription factor ISGF-3 cDNA)  
CN DNA (human cell line Hela S3 (ATTC) transcription factor ISGF-3)  
CN GenBank M97935  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN

SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
54 REFERENCES IN FILE CA (1907 TO DATE)  
55 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 57 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391534-05-7 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human gene LRPPRC leucine rich PPR motif-containing protein cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 12: PN: US20040180347 TABLE: 5 claimed DNA  
CN 149: PN: WO2004085614 PAGE: 38 claimed DNA  
CN 1530: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 1559: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2250: PN: US20050003394 TABLE: 3X unclaimed DNA  
CN 2258: PN: US20040241726 TABLE: 3X unclaimed DNA  
CN 2341: PN: US20040241728 TABLE: 3X unclaimed DNA  
CN 2359: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2364: PN: US20040248170 TABLE: 3X unclaimed DNA  
CN 2392: PN: US20050123938 TABLE: 3X unclaimed DNA  
CN 2407: PN: US20050042630 TABLE: 3X unclaimed DNA  
CN 2410: PN: US20040265868 TABLE: 3X unclaimed DNA  
CN 2489: PN: US20040241729 TABLE: 3X unclaimed DNA  
CN 2592: PN: US20040241727 TABLE: 3X unclaimed DNA  
CN 2705: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 2896: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 305: PN: WO2005046434 TABLE: 1 claimed DNA  
CN 4334: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 4581: PN: US20050079514 TABLE: 3X unclaimed DNA  
CN 91: PN: US20030194701 FIGURE: 2 unclaimed DNA  
CN 97: PN: US20030224411 PAGE: 31 unclaimed DNA  
CN DNA (human gene LRPPRC cDNA)  
CN GenBank M92439  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
23 REFERENCES IN FILE CA (1907 TO DATE)  
23 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 58 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391533-63-4 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human gene MCAD exon 12 plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1549: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 19: PN: WO2004097051 PAGE: 25 claimed DNA  
CN 2878: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3541: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 4325: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 699: PN: WO2005002414 PAGE: 33 claimed DNA  
CN DNA (human gene MCAD)  
CN GenBank J05355 (Secondary GenBank Accession Number)

CN GenBank M91432  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 59 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391530-10-2 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human gene TOP2A deoxyribonuclease topoisomerase II cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1009: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1019: PN: WO03003906 TABLE: 6A unclaimed DNA  
CN 1029: PN: WO03042661 TABLE: 46A claimed DNA  
CN 1083: PN: WO03042661 TABLE: 23A claimed DNA  
CN 10: PN: WO03042661 TABLE: 58A claimed DNA  
CN 127: PN: WO03042661 TABLE: 11A claimed DNA  
CN 1389: PN: WO03003906 TABLE: 1A unclaimed DNA  
CN 142: PN: WO2004037996 TABLE: 1 claimed DNA  
CN 1448: PN: WO2003025138  
CN 1466: PN: WO03022987 TABLE: 3A claimed DNA  
CN 1819: PN: WO03042661 TABLE: 3A claimed DNA  
CN 19: PN: WO2004063355 TABLE: 1a claimed DNA  
CN 1: PN: WO02066681 TABLE: 1 unclaimed DNA  
CN 1: PN: WO03040317 FIGURE: 3 unclaimed DNA  
CN 2059: PN: WO03042661 TABLE: 9A claimed DNA  
CN 228: PN: WO03104466 FIGURE: 12 unclaimed DNA  
CN 22: PN: WO2004048938 TABLE: 6A-11A claimed DNA  
CN 273: PN: WO2004038376 TABLE: 3 unclaimed DNA  
CN 2919: PN: WO03042661 TABLE: 41A claimed DNA  
CN 3035: PN: WO03042661 TABLE: 69A claimed DNA  
CN 3165: PN: WO03042661 TABLE: 57A claimed DNA  
CN 3: PN: WO03082266 PAGE: 3 unclaimed DNA  
CN 4590: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 508: PN: WO02086443 TABLE: 9A unclaimed DNA  
CN 572: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 648: PN: WO2004031410 TABLE: 3 unclaimed DNA  
CN 760: PN: WO2004087954 PAGE: 72/116 unclaimed DNA  
CN 77: PN: WO02079492 TABLE: 1 claimed DNA  
CN 86: PN: WO2004048938 TABLE: 1A-5A claimed DNA  
CN 896: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN DNA (human gene TOP2A cDNA)  
CN GenBank J04088  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
46 REFERENCES IN FILE CA (1907 TO DATE)  
46 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 60 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391528-56-6 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human 75 kDa subunit NADH dehydrogenase precursor cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1541: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2196: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2389: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2389: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 2390: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2390: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 2550: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 2591: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 2725: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 2811: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 2941: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 2968: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 2985: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 4535: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 6048: PN: WO2004037996 TABLE: 3 claimed DNA

CN GenBank X61100

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
19 REFERENCES IN FILE CA (1907 TO DATE)  
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 61 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 391528-15-7 REGISTRY  
ED Entered STN: 11 Feb 2002  
CN DNA (human HeLa cell gene TUBG γ-tubulin cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1076: PN: US20030134280 TABLE: 4 claimed DNA  
CN 11: PN: WO03087404 TABLE: 12A claimed DNA  
CN 1213: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 1275: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1303: PN: WO2004031413 TABLE: 2 unclaimed DNA  
CN 15: PN: WO03027633 TABLE: 4 unclaimed DNA  
CN 2158: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 2503: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 258: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 2913: PN: WO02059377 TABLE: 13 claimed DNA  
CN 4133: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 593: PN: JP2005253442 TABLE: 2 unclaimed DNA  
CN 68: PN: WO03010336 TABLE: 1B claimed DNA  
CN 923: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN DNA (human cell line HeLa gene TUBG cDNA)

CN GenBank M61764

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
16 REFERENCES IN FILE CA (1907 TO DATE)  
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 62 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389443-42-9 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN DNA (human isolate 21 year old caucasian male cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 2761: PN: WO03016476 TABLE: 19 claimed DNA  
CN 3097: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3537: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 368: PN: WO0224956 FIGURE: 8 claimed DNA  
CN 4041: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 549: PN: WO03081201 TABLE: 1 claimed DNA  
CN 6493: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 973: PN: WO03016476 TABLE: 25 claimed DNA  
CN DNA (human isolate 21 year old caucasian male gene CPT1B cDNA)  
CN GenBank Y08682  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 63 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389191-27-9 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN DNA (human clone lambda G3 gene ENO2 plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1009: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 1143: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 1229: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 1359: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 1386: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 141: PN: US20050059147 PAGE: 51 unclaimed DNA  
CN 1947: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1: PN: WO03040317 FIGURE: 3 unclaimed DNA  
CN 2577: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2805: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 2932: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 32: PN: US20030008309 TABLE: 1 unclaimed DNA  
CN 4309: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 5922: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 807: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 808: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 808: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 808: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 968: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN GenBank X51956  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
29 REFERENCES IN FILE CA (1907 TO DATE)  
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 64 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389187-39-7 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN GenBank X13482 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1087: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 175: PN: WO2004031412 TABLE: 3 unclaimed DNA  
CN 1791: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2142: PN: WO03081201 TABLE: 3 claimed DNA  
CN 3792: PN: WO0146697 TABLE: 21 claimed DNA  
CN 4168: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 4283: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 53: PN: WO2004031774 TABLE: 1 unclaimed DNA  
CN 5842: PN: WO2004037996 TABLE: 3 claimed DNA  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
15 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 65 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389185-71-1 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN GenBank M30496 (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1186: PN: US20040009481 TABLE: 1 claimed DNA  
CN 1885: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 285: PN: EP1586657 TABLE: 8 unclaimed DNA  
CN 3573: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 3573: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 3574: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 3574: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 3734: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 3775: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 3909: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3995: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 4125: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 4152: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 538: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 951: PN: WO03038130 FIGURE: 3 claimed DNA  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
19 REFERENCES IN FILE CA (1907 TO DATE)  
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 66 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389182-39-2 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN DNA (human neuregulin receptor HER3 cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 103: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 2293: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 321: PN: WO03053223 FIGURE: 3 unclaimed DNA  
CN 33: PN: WO2005043121 PAGE: 43 unclaimed DNA  
CN 344: PN: WO0224956 FIGURE: 11 claimed DNA  
CN 35: PN: WO02072789 PAGE: 122 unclaimed DNA  
CN 382: PN: WO2005076998 PAGE: 50 claimed DNA  
CN 396: PN: WO2005017148 PAGE: 103 unclaimed DNA  
CN 39: PN: US20060003338 PAGE: 14 claimed DNA  
CN 4028: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 4: PN: US20040181344 TABLE: 1 unclaimed DNA  
CN 4: PN: WO2005037989 PAGE: 32 claimed DNA  
CN 516: PN: WO03010336 TABLE: 1C claimed DNA  
CN 54: PN: WO03100029 PAGE: 121 unclaimed DNA  
CN 74: PN: WO2004005348 PAGE: 121 unclaimed DNA  
CN 7: PN: WO03099998 FIGURE: 4A unclaimed DNA  
CN DNA (human gene HER3 epidermal growth factor receptor cDNA plus flanks)  
CN GenBank M34309  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
21 REFERENCES IN FILE CA (1907 TO DATE)  
22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 67 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389182-03-0 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN DNA (human brain calcineurin A1 cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 2177: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2181: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2757: PN: WO0224956 FIGURE: 13 claimed DNA  
CN 3970: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 4198: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 468: PN: WO2005002414 PAGE: 26 claimed DNA  
CN 922: PN: WO03038130 FIGURE: 3 claimed DNA  
CN DNA (human 514-amino acid protein cDNA)  
CN GenBank M29550  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 68 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389181-92-4 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN DNA (human chimeric DNA-binding protein cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1645: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 2171: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2178: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 27: PN: WO2004092417 PAGE: 67 unclaimed DNA  
CN 3451: PN: WO03016476 TABLE: 28 claimed DNA  
CN 3967: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 5: PN: WO0192565 TABLE: 1 claimed DNA  
CN 912: PN: WO03038130 FIGURE: 3 claimed DNA  
CN DNA (human chimeric DNA-binding factor cDNA)  
CN DNA (synthetic construct cDNA)  
CN DNA (synthetic construct chimeric DNA-binding factor cDNA)  
CN GenBank M29204  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 69 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 389179-86-6 REGISTRY  
ED Entered STN: 04 Feb 2002  
CN DNA (human mitochondria-associated aspartate aminotransferase cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1054: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1097: PN: WO02059367 TABLE: 5 unclaimed DNA  
CN 1388: PN: WO03016476 TABLE: 14 claimed DNA  
CN 141: PN: WO2004085614 PAGE: 38 claimed DNA  
CN 1526: PN: WO03016476 TABLE: 16 claimed DNA  
CN 1811: PN: WO03016475 TABLE: 3 claimed DNA  
CN 1: PN: WO03079286 FIGURE: 12 unclaimed DNA  
CN 2030: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2718: PN: WO0224956 FIGURE: 13 claimed DNA  
CN 3007: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3898: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 3: PN: WO03008647 TABLE: 13b unclaimed DNA  
CN 557: PN: WO03081201 TABLE: 1 claimed DNA  
CN 602: PN: JP2005253442 TABLE: 2 unclaimed DNA  
CN 612: PN: WO03016475 TABLE: 2 claimed DNA  
CN 726: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 727: PN: WO03010336 TABLE: 2A claimed DNA  
CN 781: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 794: PN: WO03016476 TABLE: 2 claimed DNA  
CN GenBank M22632  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
25 REFERENCES IN FILE CA (1907 TO DATE)  
25 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 70 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 385074-83-9 REGISTRY  
ED Entered STN: 20 Jan 2002  
CN DNA (human gene DTK cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1252: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 17: PN: WO03039575 PAGE: 78 unclaimed DNA  
CN 198: PN: WO0224956 FIGURE: 8 claimed DNA  
CN 23: PN: US20040181344 TABLE: 1 unclaimed DNA  
CN 3424: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 3634: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4737: PN: WO2004037996 TABLE: 3 claimed DNA  
CN GenBank U18934  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
9 REFERENCES IN FILE CA (1907 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 71 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384977-89-3 REGISTRY  
ED Entered STN: 20 Jan 2002  
CN DNA (human HeLa cell gene A1 replication factor C 40-kilodalton subunit  
cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1514: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 151: PN: US20040014083 PAGE: 19 claimed DNA  
CN 213: PN: WO2005007846 PAGE: 61 claimed DNA  
CN 2856: PN: WO0224956 FIGURE: 10 claimed DNA  
CN 30: PN: WO2005035724 PAGE: 19 unclaimed DNA  
CN 589: PN: WO2005046434 TABLE: 22 claimed DNA  
CN 826: PN: WO2005016962 PAGE: 150 claimed DNA  
CN 826: PN: WO2005019258 PAGE: 150 claimed DNA  
CN 940: PN: WO0224956 FIGURE: 2 claimed DNA  
CN DNA (human cell line HeLa gene A1 cDNA)  
CN GenBank M87338  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 72 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384771-25-9 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN GenBank AF008445 (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1392: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2091: PN: WO03016476 TABLE: 15 claimed DNA  
CN 2202: PN: WO03016476 TABLE: 19 claimed DNA  
CN 535: PN: WO03016476 TABLE: 1 claimed DNA  
FS NUCLEIC ACID SEQUENCE; SECONDARY GENBANK ACCESSION NUMBER  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 73 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384730-99-8 REGISTRY

ED Entered STN: 19 Jan 2002

CN DNA (human gene UBE2G cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1747: PN: WO03081201 TABLE: 3 claimed DNA  
CN 1801: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 1970: PN: WO02059377 TABLE: 10a claimed DNA  
CN 325: PN: WO2005002414 PAGE: 22 claimed DNA  
CN 371: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 3: PN: WO03008647 TABLE: 13b unclaimed DNA  
CN 4100: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 46: PN: WO03033676 TABLE: 1 claimed DNA  
CN 832: PN: US20040009481 TABLE: 1 claimed DNA  
CN 8: PN: WO2005015236 TABLE: 2A claimed DNA  
CN GenBank D78514  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
12 REFERENCES IN FILE CA (1907 TO DATE)  
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 74 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384697-78-3 REGISTRY

ED Entered STN: 19 Jan 2002

CN DNA (human B-cell EZH2 enhancer of zeste homolog 2 cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1570: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 1622: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 1764: PN: WO2002057414  
CN 1: PN: WO02066681 TABLE: 1 unclaimed DNA  
CN 2075: PN: WO02059377 TABLE: 13 claimed DNA  
CN 2121: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 257: PN: WO03104466 FIGURE: 12 unclaimed DNA  
CN 3100: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 35: PN: WO2004091548 PAGE: 41 claimed DNA  
CN 4: PN: US20050282192 PAGE: 12 unclaimed DNA  
CN 5176: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 5: PN: US20030232364 TABLE: 2 unclaimed DNA

CN 633: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 715: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 9: PN: WO2003029273  
CN DNA (human cell line BJA-B gene EZH2 cDNA)  
CN GenBank U61145  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
20 REFERENCES IN FILE CA (1907 TO DATE)  
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 75 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384665-79-6 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human gene FRP1 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 110: PN: US20040241729 TABLE: 3Z claimed DNA  
CN 1151: PN: US20040241726 TABLE: 3L unclaimed DNA  
CN 1169: PN: WO02059377 TABLE: 4 claimed DNA  
CN 1188: PN: US20040248170 TABLE: 3L unclaimed DNA  
CN 1231: PN: US20050042630 TABLE: 3L unclaimed DNA  
CN 1262: PN: US20050123938 TABLE: 3L unclaimed DNA  
CN 1294: PN: US20040241728 TABLE: 3L unclaimed DNA  
CN 1313: PN: US20040241729 TABLE: 3L unclaimed DNA  
CN 1363: PN: US20040265868 TABLE: 3L unclaimed DNA  
CN 1413: PN: US20050003394 TABLE: 3L unclaimed DNA  
CN 1416: PN: US20040241727 TABLE: 3L unclaimed DNA  
CN 142: PN: WO2005002414 PAGE: 17 claimed DNA  
CN 162: PN: WO03081201 TABLE: 1 claimed DNA  
CN 168: PN: WO03042661 TABLE: 58A claimed DNA  
CN 1: PN: US20030210245 FIGURE: 8B unclaimed DNA  
CN 207: PN: WO2004097051 PAGE: 31 claimed DNA  
CN 2254: PN: WO03042661 TABLE: 49A claimed DNA  
CN 226: PN: WO02086443 TABLE: 9A unclaimed DNA  
CN 2862: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3163: PN: US20050079514 TABLE: 3L unclaimed DNA  
CN 3347: PN: WO03042661 TABLE: 42A claimed DNA  
CN 397: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 412: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 5062: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 670: PN: WO03016476 TABLE: 2 claimed DNA  
CN 751: PN: WO2004092417 PAGE: 60 unclaimed DNA  
CN 806: PN: WO2004108948 PAGE: 76 claimed DNA  
CN 939: PN: WO0146697 TABLE: 21 claimed DNA  
CN GenBank U49844  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
31 REFERENCES IN FILE CA (1907 TO DATE)  
31 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 76 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384627-00-3 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human clone HEM-1 1146-nucleotide cDNA fragment) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1380: PN: WO03022987 TABLE: 3A claimed DNA  
CN 156: PN: WO02079492 TABLE: 1 claimed DNA  
CN 1672: PN: WO03022987 TABLE: 11A claimed DNA  
CN 1818: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2564: PN: WO03042661 TABLE: 15A claimed DNA  
CN 2566: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 342: PN: WO03042661 TABLE: 33A claimed DNA  
CN 479: PN: WO02059377 TABLE: 9 claimed DNA  
CN 536: PN: WO0224956 FIGURE: 11 claimed DNA  
CN 586: PN: WO2003025138  
CN 65: PN: WO2004090547 PAGE: 39 claimed DNA  
CN 675: PN: WO2004087954 PAGE: 71/116 unclaimed DNA  
CN DNA (human clone HEM-1 cDNA)  
CN GenBank U28831  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 77 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384614-14-6 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human U-937 cell initiation factor (protein formation) eIF-2B-epsilon C-terminal fragment-specifying cDNA plus 3'-flank) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1199: PN: US20040241726 TABLE: 3L unclaimed DNA  
CN 1236: PN: US20040248170 TABLE: 3L unclaimed DNA  
CN 1279: PN: US20050042630 TABLE: 3L unclaimed DNA  
CN 1310: PN: US20050123938 TABLE: 3L unclaimed DNA  
CN 1342: PN: US20040241728 TABLE: 3L unclaimed DNA  
CN 1361: PN: US20040241729 TABLE: 3L unclaimed DNA  
CN 1411: PN: US20040265868 TABLE: 3L unclaimed DNA  
CN 1461: PN: US20050003394 TABLE: 3L unclaimed DNA  
CN 1464: PN: US20040241727 TABLE: 3L unclaimed DNA  
CN 1534: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 1750: PN: WO2002057414  
CN 1994: PN: WO03016475 TABLE: 3 claimed DNA  
CN 2337: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2537: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 3211: PN: US20050079514 TABLE: 3L unclaimed DNA  
CN 3742: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3796: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 4787: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 621: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 639: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 802: PN: WO0146697 TABLE: 21 claimed DNA  
CN 83: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 9: PN: US20040009481 TABLE: 1 claimed DNA  
CN DNA (human cell line U-937 histiocytic lymphoma eIF-2Bepsilon cDNA)  
CN GenBank U23028  
FS NUCLEIC ACID SEQUENCE

MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
29 REFERENCES IN FILE CA (1907 TO DATE)  
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 78 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384592-29-4 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human Raji cell clone NFX.1 cDNA 16 DNA-binding protein NFX1 cDNA plus 3'-flank) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1711: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2193: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2313: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 238: PN: WO2005098041 PAGE: 120 claimed DNA  
CN 337: PN: WO2004092417 PAGE: 48 unclaimed DNA  
CN 3576: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4706: PN: WO2004037996 TABLE: 3 claimed DNA  
CN GenBank U15306

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
9 REFERENCES IN FILE CA (1907 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 79 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384588-98-1 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human clone F11-1 cyclin H cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1852: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 2106: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 292: PN: EP1586657 TABLE: 8 unclaimed DNA  
CN 318: PN: WO03081201 TABLE: 1 claimed DNA  
CN 3371: PN: WO03016476 TABLE: 28 claimed DNA  
CN 3506: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3787: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 405: PN: WO03066904 TABLE: 1e claimed DNA  
CN 4671: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 82: PN: US20050059153 PAGE: 15 unclaimed DNA  
CN DNA (human clone F11-1 cDNA)  
CN DNA (human cyclin H gene cDNA plus flanks)

CN GenBank U11791

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 80 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384534-01-4 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human B-cell cytokine receptor CRF2-4 (cytokine receptor family type II 4) cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1562: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 1732: PN: WO2002057414  
CN 1771: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 1: PN: WO02070655 PAGE: 18 unclaimed DNA  
CN 1: PN: WO02086087 PAGE: 13 unclaimed DNA  
CN 1: PN: WO03040317 FIGURE: 4 unclaimed DNA  
CN 2607: PN: WO03016476 TABLE: 19 claimed DNA  
CN 27: PN: WO2005028674 PAGE: 40 unclaimed DNA  
CN 3257: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 5625: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 59: PN: WO03048383 TABLE: 29 unclaimed DNA  
CN DNA (human strain Daudi cell line cell line Daudi cell line transmembrane receptor precursor cDNA)  
CN GenBank Z17227  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
16 REFERENCES IN FILE CA (1907 TO DATE)  
16 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 81 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384522-68-3 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human S-adenosylmethionine synthetase) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1069: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 1702: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 1726: PN: WO2002057414  
CN 1: PN: WO03057911 TABLE: 3 unclaimed DNA  
CN 2376: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2749: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 39: PN: WO2005015236 TABLE: 2A claimed DNA  
CN 4708: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 519: PN: WO2004031410 TABLE: 3 unclaimed DNA  
CN 6134: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 630: PN: WO03081201 TABLE: 1 claimed DNA  
CN 644: PN: WO2004087954 PAGE: 70/116 unclaimed DNA  
CN 727: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN DNA (human S-adenosylmethionine synthetase cDNA)  
CN GenBank S47859 (Secondary GenBank Accession Number)  
CN GenBank X68836  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

15 REFERENCES IN FILE CA (1907 TO DATE)

15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 82 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 384484-53-1 REGISTRY

ED Entered STN: 19 Jan 2002

CN DNA (human clone pHH24, pHH15B9 cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1370: PN: WO0224956 FIGURE: 12 claimed DNA

CN 1704: PN: WO03042661 TABLE: 67A claimed DNA

CN 2740: PN: WO03042661 TABLE: 61A claimed DNA

CN 324: PN: WO03091391 FIGURE: 20 unclaimed DNA

CN 3437: PN: WO03038130 FIGURE: 3 claimed DNA

CN 538: PN: WO2003025138

CN GenBank D00723

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

12 REFERENCES IN FILE CA (1907 TO DATE)

12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 83 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 384475-40-5 REGISTRY

ED Entered STN: 19 Jan 2002

CN DNA (human U937/Dyl cell elastase inhibitor cDNA fragment) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 136: PN: US20030233196 FIGURE: 10 unclaimed DNA

CN 14: PN: WO2004083366 PAGE: 59 claimed DNA

CN 1565: PN: WO03038130 FIGURE: 3 claimed DNA

CN 181: PN: WO2004031414 TABLE: 4 unclaimed DNA

CN 2906: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 3093: PN: US20050003394 TABLE: 2 unclaimed DNA

CN 3093: PN: US20050042630 TABLE: 2 unclaimed DNA

CN 3094: PN: US20040241729 TABLE: 2 unclaimed DNA

CN 3094: PN: US20050079514 TABLE: 2 unclaimed DNA

CN 3254: PN: US20040265868 TABLE: 2 unclaimed DNA

CN 3295: PN: US20050123938 TABLE: 2 unclaimed DNA

CN 3393: PN: WO03091391 FIGURE: 20 unclaimed DNA

CN 3429: PN: US20040241728 TABLE: 2 unclaimed DNA

CN 3515: PN: US20040248170 TABLE: 2 unclaimed DNA

CN 3645: PN: US20040241726 TABLE: 2 unclaimed DNA

CN 3672: PN: US20040241727 TABLE: 2 unclaimed DNA

CN 405: PN: WO03083140 TABLE: 12 claimed DNA

CN 4339: PN: WO2004037996 TABLE: 3 claimed DNA

CN DNA (human cell line U937/Dyl cDNA)

CN DNA (human cell U937/Dyl monocyte/neutrophil elastase inhibitor cDNA)

CN GenBank M93056

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

29 REFERENCES IN FILE CA (1907 TO DATE)

29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 84 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 384450-64-0 REGISTRY

ED Entered STN: 19 Jan 2002

CN DNA (human S-adenosylmethionine decarboxylase cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1039: PN: WO03095618 TABLE: 1 unclaimed DNA

CN 1068: PN: WO2004024892 FIGURE: 7 unclaimed DNA

CN 1237: PN: US20050079514 TABLE: 3J unclaimed DNA

CN 1281: PN: WO0224956 FIGURE: 12 claimed DNA

CN 1327: PN: WO03091391 FIGURE: 20 unclaimed DNA

CN 160: PN: WO2004097051 PAGE: 30 claimed DNA

CN 169: PN: WO2005007846 PAGE: 58 claimed DNA

CN 1997: PN: WO2004038376 TABLE: 5 unclaimed DNA

CN 2067: PN: US20040009481 TABLE: 1 claimed DNA

CN 2325: PN: US20040241726 TABLE: 3J unclaimed DNA

CN 2437: PN: US20040248170 TABLE: 3J unclaimed DNA

CN 2440: PN: US20040241727 TABLE: 3J unclaimed DNA

CN 2469: PN: US20040241728 TABLE: 3J unclaimed DNA

CN 2505: PN: US20050042630 TABLE: 3J unclaimed DNA

CN 2505: PN: WO03091391 TABLE: 20 unclaimed DNA

CN 2512: PN: US20050123938 TABLE: 3J unclaimed DNA

CN 2587: PN: US20040241729 TABLE: 3J unclaimed DNA

CN 2587: PN: US20040265868 TABLE: 3J unclaimed DNA

CN 2587: PN: US20050003394 TABLE: 3J unclaimed DNA

CN 25: PN: WO2004074478 TABLE: 1 unclaimed DNA

CN 292: PN: WO2004085614 PAGE: 43 claimed DNA

CN 298: PN: WO03053223 FIGURE: 3 unclaimed DNA

CN 3881: PN: WO2004037996 TABLE: 3 claimed DNA

CN 4551: PN: US20040009481 TABLE: 1 claimed DNA

CN 487: PN: WO03083140 TABLE: 15 claimed DNA

CN 59: PN: WO2004087954 PAGE: 28/116 unclaimed DNA

CN 758: PN: WO03038130 FIGURE: 3 claimed DNA

CN DNA (human gene AMD2 cDNA)

CN GenBank J04048 (Secondary GenBank Accession Number)

CN GenBank M21154

FS NUCLEIC ACID SEQUENCE

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*

32 REFERENCES IN FILE CA (1907 TO DATE)

32 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 85 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 384433-38-9 REGISTRY

ED Entered STN: 19 Jan 2002

CN DNA (human liver ribosomal protein S6 kinase 1 cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 123: PN: WO02063037 TABLE: 5 unclaimed DNA

CN 1436: PN: US20040009479 TABLE: 8 unclaimed DNA

CN 1734: PN: WO03081201 TABLE: 3 claimed DNA

CN 2489: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4126: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 703: PN: WO03016475 TABLE: 2 claimed DNA  
CN 869: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN DNA (human p70 ribosomal S6 kinase alpha-I cDNA)  
CN GenBank M60724  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
9 REFERENCES IN FILE CA (1907 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 86 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 384423-30-7 REGISTRY  
ED Entered STN: 19 Jan 2002  
CN DNA (human cell line HEP G2. glycinamide ribonucleotide synthetase-aminoimidazole ribonucleotide synthetase-glycinamide ribonucleotide transformylase cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 18: PN: WO03053215 PAGE: 99 unclaimed DNA  
CN 2014: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 222: PN: WO02059377 TABLE: 13 claimed DNA  
CN 2628: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2628: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 2629: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2629: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 2789: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 27: PN: WO03087162 TABLE: 1 unclaimed DNA  
CN 2830: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 2964: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3050: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3180: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 3207: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 338: PN: WO02059367 TABLE: 3 unclaimed DNA  
CN 4362: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 4400: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 5956: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 62: PN: WO2005002414 PAGE: 15 claimed DNA  
CN 681: PN: WO03068054 TABLE: 1 unclaimed DNA  
CN GenBank X54199  
CN GenBank X56340 (Secondary GenBank Accession Number)  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
30 REFERENCES IN FILE CA (1907 TO DATE)  
30 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 87 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 194709-32-5 REGISTRY  
ED Entered STN: 30 Sep 1997  
CN DNA (human CaM kinase II isoform cDNA) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 130: PN: WO03066904 TABLE: 1d claimed DNA  
CN 31: PN: US20050239737 PAGE: 3 unclaimed DNA  
CN 3332: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3547: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 599: PN: WO2004097051 PAGE: 121 claimed DNA  
CN DNA (human CaM kinase isoenzyme II cDNA)  
CN GenBank U81554  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 88 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 190147-16-1 REGISTRY  
ED Entered STN: 20 Jun 1997  
CN DNA (human clone S101-17 protein MNK1 kinase cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1380: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 159: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 180: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 1: PN: US20020110811 TABLE: 1 unclaimed DNA  
CN 1: PN: WO03037362 PAGE: 8 unclaimed DNA  
CN 2225: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2225: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 2226: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2226: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 2386: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 2427: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 2561: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 2647: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 2777: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 2804: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 2904: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 43: PN: WO2005002414 PAGE: 14 claimed DNA  
CN 559: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 618: PN: WO2004087954 PAGE: 69/116 unclaimed DNA  
CN DNA (human cell line HeLa MNK1 cDNA)  
CN GenBank AB000409  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
26 REFERENCES IN FILE CA (1907 TO DATE)  
26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 89 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 189775-03-9 REGISTRY  
ED Entered STN: 12 Jun 1997  
CN DNA (human clone 121711 ) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 125: PN: WO03016476 TABLE: 23 claimed DNA  
CN 2313: PN: WO03081201 TABLE: 5 claimed DNA  
CN 390: PN: WO02059377 TABLE: 9 claimed DNA  
CN 578: PN: WO2003025138  
CN 936: PN: WO03016476 TABLE: 2 claimed DNA  
CN DNA (human clone 121711 cDNA)  
CN GenBank U92014  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
8 REFERENCES IN FILE CA (1907 TO DATE)  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 90 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 189473-07-2 REGISTRY  
ED Entered STN: 05 Jun 1997  
CN DNA (human clone dfs-6.1 transcription factor DFS70 (dense fine speckles, 70-kilodalton) C-terminal fragment-specifying cDNA plus 3'-flank) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1013: PN: JP2005253442 TABLE: 3 unclaimed DNA  
CN 1193: PN: WO03081201 TABLE: 1 claimed DNA  
CN 1328: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2401: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 256: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3769: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 5526: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 72: PN: WO03053223 FIGURE: 2 unclaimed DNA  
CN DNA (human cell line T24 clone dfs 6.1 cDNA)  
CN DNA (human cell line T24 clone dfs 6.1 DFS70 cDNA)  
CN DNA (human T24 cell clone dfs-6.1 transcription coactivator p75 C-terminal fragment-specifying cDNA plus 3'-flank)  
CN GenBank U94319  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
12 REFERENCES IN FILE CA (1907 TO DATE)  
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 91 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 183979-25-1 REGISTRY  
ED Entered STN: 12 Dec 1996  
CN DNA (human gene Nup88 nuclear pore-associated protein cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1901: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 3093: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 5394: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 555: PN: WO2003029273  
CN 6491: PN: WO2004037996 TABLE: 3 claimed DNA

CN 865: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN Deoxyribonucleic acid (human gene Nup88 nuclear pore complex protein cDNA plus flanks)  
CN DNA (human gene Nup88 cDNA)  
CN GenBank Y08612  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
11 REFERENCES IN FILE CA (1907 TO DATE)  
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 92 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 183390-81-0 REGISTRY  
ED Entered STN: 26 Nov 1996  
CN DNA (human chromosome 12p13 gene C2f protein cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1041: PN: WO0146697 TABLE: 21 claimed DNA  
CN 1581: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 195: PN: WO2002057414  
CN 263: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 2772: PN: US20050003394 TABLE: 3Y unclaimed DNA  
CN 2780: PN: US20040241726 TABLE: 3Y unclaimed DNA  
CN 2863: PN: US20040241728 TABLE: 3Y unclaimed DNA  
CN 2886: PN: US20040248170 TABLE: 3Y unclaimed DNA  
CN 2914: PN: US20050123938 TABLE: 3Y unclaimed DNA  
CN 2929: PN: US20050042630 TABLE: 3Y unclaimed DNA  
CN 2932: PN: US20040265868 TABLE: 3Y unclaimed DNA  
CN 3011: PN: US20040241729 TABLE: 3Y unclaimed DNA  
CN 3337: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3421: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 4206: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 420: PN: US20040241727 TABLE: 3Y claimed DNA  
CN 492: PN: WO0224956 FIGURE: 8 claimed DNA  
CN 5103: PN: US20050079514 TABLE: 3Y unclaimed DNA  
CN 5305: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 896: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN DNA (human gene C2f cDNA)  
CN GenBank U72514  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
26 REFERENCES IN FILE CA (1907 TO DATE)  
26 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 93 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 183100-37-0 REGISTRY  
ED Entered STN: 14 Nov 1996  
CN DNA (human KG-1 cell clone HA7065 gene KIAA0257 protein cDNA 3'-fragment plus 3'-flank) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1276: PN: US20040009479 TABLE: 8 unclaimed DNA  
CN 163: PN: US20040241726 TABLE: 3J unclaimed DNA  
CN 193: PN: WO2002057414  
CN 1: PN: WO03008542 TABLE: 1 unclaimed DNA

CN 200: PN: US20040248170 TABLE: 3J unclaimed DNA  
CN 2175: PN: US20050079514 TABLE: 3J unclaimed DNA  
CN 243: PN: US20050042630 TABLE: 3J unclaimed DNA  
CN 274: PN: US20050123938 TABLE: 3J unclaimed DNA  
CN 28: PN: US20050282192 PAGE: 12 unclaimed DNA  
CN 306: PN: US20040241728 TABLE: 3J unclaimed DNA  
CN 30: PN: US20030232364 TABLE: 2 unclaimed DNA  
CN 3247: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 325: PN: US20040241729 TABLE: 3J unclaimed DNA  
CN 3407: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 349: PN: US20040241726 TABLE: 3T claimed DNA  
CN 375: PN: US20040265868 TABLE: 3J unclaimed DNA  
CN 425: PN: US20050003394 TABLE: 3J unclaimed DNA  
CN 428: PN: US20040241727 TABLE: 3J unclaimed DNA  
CN 4340: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 4356: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 679: PN: US20040009479 TABLE: 3A unclaimed DNA  
CN 748: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN DNA (human cell line KG-1 clone HA7065 cDNA)  
CN DNA (human cell line KG-1 clone HA7065 gene KIAA0257 cDNA)  
CN DNA (human cell line KG-1 clone HA7065 gene KIAA0257)  
CN DNA (human KIAA0257 gene cDNA fragment)  
CN GenBank D87446  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
29 REFERENCES IN FILE CA (1907 TO DATE)  
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 94 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 182861-86-5 REGISTRY  
ED Entered STN: 07 Nov 1996  
CN DNA (human gene HRMT1L1 protein (arginine) methyltransferase cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 117: PN: WO2004085614 PAGE: 37 claimed DNA  
CN 134: PN: WO2003025138  
CN 294: PN: WO03022987 TABLE: 1A claimed DNA  
CN 2983: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 2985: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 299: PN: WO03081201 TABLE: 1 claimed DNA  
CN 40: PN: US20050214836 TABLE: 2 unclaimed DNA  
CN 424: PN: WO2005002414 PAGE: 25 claimed DNA  
CN 5299: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 631: PN: WO02059377 TABLE: 9 claimed DNA  
CN 6438: PN: WO2004037996 TABLE: 3 claimed DNA  
CN DNA (human arginine methyltransferase cDNA)  
CN DNA (human arginine methyltransferase)  
CN GenBank X99209  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
14 REFERENCES IN FILE CA (1907 TO DATE)

14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 95 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 180562-78-1 REGISTRY  
ED Entered STN: 06 Sep 1996  
CN DNA (human RNA polymerase II complex component SRB7 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 114: PN: WO03081201 TABLE: 1 claimed DNA  
CN 141: PN: WO2005098041 PAGE: 118 claimed DNA  
CN 229: PN: US20040180038 PAGE: 14 unclaimed DNA  
CN 2562: PN: WO2004024892 FIGURE: 7 unclaimed DNA  
CN 2961: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 309: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 494: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 5107: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 59: PN: WO03048383 TABLE: 1 unclaimed DNA  
CN 65: PN: WO2005002414 PAGE: 15 claimed DNA  
CN GenBank U52960  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 96 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 176632-46-5 REGISTRY  
ED Entered STN: 23 May 1996  
CN DNA (human gene RPGR protein cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid (human gene RPGR protein messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 3018: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3669: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 446: PN: JP2005253442 TABLE: 2 unclaimed DNA  
CN 488: PN: WO2005098041 PAGE: 125 claimed DNA  
CN 5136: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 552: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 910: PN: WO03016476 TABLE: 2 claimed DNA  
CN DNA (human gene RPGR cDNA)  
CN DNA (human gene RPGR retinitis pigmentosa GTPase regulator cDNA plus flanks)  
CN GenBank U57629  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
12 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 97 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN

RN 175106-78-2 REGISTRY  
ED Entered STN: 12 Apr 1996  
CN DNA (human clone LUCA15 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1598: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 15: PN: WO03027633 TABLE: 3 unclaimed DNA  
CN 1786: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 216: PN: WO2004111197 PAGE: 30/81 claimed DNA  
CN 2345: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 362: PN: US20050059153 PAGE: 20 unclaimed DNA  
CN 3755: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 473: PN: WO2004031413 TABLE: 1 unclaimed DNA  
CN 4794: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 646: PN: WO03083140 TABLE: 18 claimed DNA  
CN 64: PN: WO02059367 TABLE: 2 unclaimed DNA  
CN 692: PN: WO2004087954 PAGE: 71/116 unclaimed DNA  
CN 846: PN: US20030134280 TABLE: 3 claimed DNA  
CN DNA (human clone LUCA15 gene LUCA15 cDNA)  
CN GenBank U23946  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
15 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 98 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 171845-18-4 REGISTRY  
ED Entered STN: 29 Dec 1995  
CN DNA (human cell line KG-1 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1803: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 3067: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 322: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 3310: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 384: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 3963: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 590: PN: WO03010336 TABLE: 1C claimed DNA  
CN DNA (human cell line KG-1 gene KIAA0122 cDNA)  
CN GenBank D50912  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
15 REFERENCES IN FILE CA (1907 TO DATE)  
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 99 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 170315-88-5 REGISTRY  
ED Entered STN: 17 Nov 1995  
CN DNA (human cell line HT-29 carcinoma clone 2 gene SRp55 cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 17: PN: US20030233196 FIGURE: 2 unclaimed DNA  
CN 2333: PN: WO2004024892 FIGURE: 7 unclaimed DNA

CN 2456: PN: WO03038130 FIGURE: 3 claimed DNA  
CN GenBank U30828  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
4 REFERENCES IN FILE CA (1907 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 100 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 166924-19-2 REGISTRY  
ED Entered STN: 25 Aug 1995  
CN DNA (human clone pPK8 chromatin assembly factor protein CAF-I p150 subunit cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid (human clone pPK8 chromatin assembly factor protein CAF-I p150 subunit messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 1652: PN: WO0224956 FIGURE: 5 claimed DNA  
CN 2296: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 3507: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3689: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4765: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 5: PN: US20050282192 PAGE: 12 unclaimed DNA  
CN 6: PN: US20030232364 TABLE: 2 unclaimed DNA  
CN DNA (human cell line HeLa chromatin assembly factor-I p150 subunit cDNA)  
CN GenBank U20979  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
13 REFERENCES IN FILE CA (1907 TO DATE)  
13 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 101 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 165668-50-8 REGISTRY  
ED Entered STN: 03 Aug 1995  
CN Benzenesulfonamide, 4-cyano-N-(3-cyano-1H-indol-7-yl)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN ER 68487  
FS 3D CONCORD  
MF C16 H10 N4 O2 S  
SR CA  
LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPATFULL

/ Structure 2 in file .gra /

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

10 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 102 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 165668-41-7 REGISTRY  
ED Entered STN: 03 Aug 1995  
CN 1,4-Benzenedisulfonamide, N-(3-chloro-1H-indol-7-yl)- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN E 7070  
CN Indisulam  
FS 3D CONCORD  
MF C14 H12 Cl N3 O4 S2  
SR CA  
LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, EMBASE, IMSDRUGNEWS, IMSRESEARCH, PHAR, PROMT, PROUSDDR, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPATFULL  
(\*File contains numerically searchable property data)

/ Structure 3 in file .gra /

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

63 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
63 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 103 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 165668-32-6 REGISTRY  
ED Entered STN: 03 Aug 1995  
CN Benzenesulfonamide, N-(3-chloro-1H-indol-7-yl)-4-cyano- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN ER 35748  
CN N-(3-Chloro-1H-indole-7-yl)-4-cyanobenzenesulfonamide  
FS 3D CONCORD  
MF C15 H10 Cl N3 O2 S  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

/ Structure 4 in file .gra /

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

12 REFERENCES IN FILE CA (1907 TO DATE)  
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 104 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 164478-51-7 REGISTRY  
ED Entered STN: 07 Jul 1995  
CN DNA (human thyroid-hormone-receptor-interacting RNA formation factor Tripl cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid (human thyroid-hormone-receptor-interacting ribonucleic acid formation factor Tripl messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 1711: PN: WO03016476 TABLE: 16 claimed DNA  
CN 2002: PN: WO02059377 TABLE: 10a claimed DNA  
CN 2729: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 2729: PN: US20050042630 TABLE: 2 unclaimed DNA

CN 2730: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 2730: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 2890: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 2931: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 3065: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 3151: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 3281: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 3308: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 3760: PN: WO0224956 FIGURE: 14 claimed DNA  
CN 400: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 55: PN: WO2005072272 TABLE: 1 unclaimed DNA  
CN DNA (human gene TRIP1 cDNA)  
CN GenBank L38810  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
20 REFERENCES IN FILE CA (1907 TO DATE)  
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 105 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 160075-94-5 REGISTRY  
ED Entered STN: 11 Jan 1995  
CN DNA (human nuclear cap-binding protein NCBP cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid (human nuclear cap-binding protein NCBP messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 121: PN: WO2004031412 TABLE: 3 unclaimed DNA  
CN 3281: PN: WO0224956 FIGURE: 7 claimed DNA  
CN 3791: PN: WO03038130 FIGURE: 3 claimed DNA  
CN DNA (human cell line HeLa nuclear cap binding protein cDNA)  
CN GenBank D32002  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
7 REFERENCES IN FILE CA (1907 TO DATE)  
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 106 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 159132-20-4 REGISTRY  
ED Entered STN: 23 Nov 1994  
CN DNA (human clone g26 30.5-kilodalton protein APK 1 cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid (human clone g26 30.5-kilodalton protein APK 1 messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 1512: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1763: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2978: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN DNA (human gene APK1 antigen cDNA)  
CN GenBank S72904  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified

CI MAN  
SR CA  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 107 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 150755-01-4 REGISTRY  
ED Entered STN: 21 Oct 1993  
CN DNA (human succinate dehydrogenase flavoprotein subunit cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid (human succinate dehydrogenase flavoprotein subunit messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 1449: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2115: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 224: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2400: PN: WO0224956 FIGURE: 13 claimed DNA  
CN 3606: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 402: PN: WO02059367 TABLE: 3 unclaimed DNA  
CN 772: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN DNA (human gene SDH cDNA)  
CN GenBank L21936  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
11 REFERENCES IN FILE CA (1907 TO DATE)  
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 108 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 148848-04-8 REGISTRY  
ED Entered STN: 23 Jul 1993  
CN DNA, (human clone c-erbB3-S gene c-erbB3 receptor cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid, (human clone c-erbB3-S gene c-erbB3 receptor messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 208: PN: WO03091391 FIGURE: 10 unclaimed DNA  
CN 3092: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 393: PN: WO0224956 FIGURE: 1 claimed DNA  
CN 424: PN: US20030224425 TABLE: 2 unclaimed DNA  
CN 4459: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 4755: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 698: PN: WO2004079014 TABLE: 3 unclaimed DNA  
CN DNA (human gastric cancer cell line MKN45 receptor tyrosine kinase gene c-erbB3 1.4 kb messenger RNA-complementary)  
CN DNA (human gene c-erbB3 cDNA)  
CN GenBank S61953  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN

SR CA  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
9 REFERENCES IN FILE CA (1907 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 109 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 142432-36-8 REGISTRY  
ED Entered STN: 16 Jul 1992  
CN DNA, (human RNA formation factor BTF 2 62.0-kilodalton subunit cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid, (human ribonucleic acid formation factor BTF 2 62.0-kilodalton subunit messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 10: PN: WO02092807 TABLE: 2 unclaimed DNA  
CN 1144: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 1185: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 1295: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 1319: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 132: PN: US20050059153 PAGE: 16 unclaimed DNA  
CN 1405: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN 1449: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1535: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 1562: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 1606: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2375: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 2958: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 4366: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 4689: PN: US20040009481 TABLE: 1 claimed DNA  
CN 714: PN: WO03016476 TABLE: 2 claimed DNA  
CN 983: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 984: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 984: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 984: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN DNA (human cell line Hela cells )  
CN DNA (human cell line Hela cells gene BTF2)  
CN GenBank M95809  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
28 REFERENCES IN FILE CA (1907 TO DATE)  
28 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 110 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 140748-79-4 REGISTRY  
ED Entered STN: 26 Apr 1992  
CN DNA (human clone El-14b8 deoxyribonuclease nucleotidyltransferase subunit α cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1: PN: WO02066681 TABLE: 1 unclaimed DNA  
CN 2482: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 4084: PN: WO03091391 TABLE: 20 unclaimed DNA  
CN 4106: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 63: PN: WO03087162 TABLE: 1 unclaimed DNA

CN 76: PN: WO03062395 TABLE: 3 claimed DNA  
CN DNA (human cell line KB clone E1-14b8, E1-14a, E1-12, E1-19 cDNA)  
CN GenBank X06745  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
9 REFERENCES IN FILE CA (1907 TO DATE)  
9 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 111 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 140036-41-5 REGISTRY  
ED Entered STN: 03 Apr 1992  
CN DNA (human 284-amino acid protein cDNA) (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 1018: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 104: PN: US20040241729 TABLE: 3J unclaimed DNA  
CN 154: PN: US20040265868 TABLE: 3J unclaimed DNA  
CN 1638: PN: WO03081201 TABLE: 3 claimed DNA  
CN 1954: PN: US20050079514 TABLE: 3J unclaimed DNA  
CN 1956: PN: WO02079492 TABLE: 4 claimed DNA  
CN 1962: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 204: PN: US20050003394 TABLE: 3J unclaimed DNA  
CN 207: PN: US20040241727 TABLE: 3J unclaimed DNA  
CN 2114: PN: WO02070737 FIGURE: 6 unclaimed DNA  
CN 21: PN: WO03099998 FIGURE: 4A unclaimed DNA  
CN 22: PN: US20050042630 TABLE: 3J unclaimed DNA  
CN 234: PN: WO03066904 TABLE: 1d claimed DNA  
CN 25: PN: US20050059147 PAGE: 46 unclaimed DNA  
CN 3042: PN: US20040241726 TABLE: 3J unclaimed DNA  
CN 3112: PN: WO03091391 FIGURE: 20 unclaimed DNA  
CN 3154: PN: US20040248170 TABLE: 3J unclaimed DNA  
CN 321: PN: WO0224956 FIGURE: 11 claimed DNA  
CN 3863: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 483: PN: JP2005253442 TABLE: 2 unclaimed DNA  
CN 48: PN: WO2003025138  
CN 4929: PN: WO2004048933 PAGE: 37-46 unclaimed DNA  
CN 518: PN: WO0224956 FIGURE: 4 claimed DNA  
CN 52: PN: US20040005612 TABLE: 2-3 unclaimed DNA  
CN 53: PN: US20050123938 TABLE: 3J unclaimed DNA  
CN 580: PN: WO03010336 TABLE: 1C claimed DNA  
CN 63: PN: WO03097854 FIGURE: 11-12 claimed DNA  
CN 68: PN: WO2005094332 TABLE: 1 claimed DNA  
CN 710: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 85: PN: US20040241728 TABLE: 3J unclaimed DNA  
CN GenBank M19267  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPAT2, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
35 REFERENCES IN FILE CA (1907 TO DATE)  
35 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 112 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 139865-29-5 REGISTRY  
ED Entered STN: 27 Mar 1992  
CN DNA, (human clone pZ64-18 RNA formation factor CstF 64-kilodalton subunit cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid, (human clone pZ64-18 ribonucleic acid formation factor CstF 64-kilodalton subunit messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 1083: PN: US20040241726 TABLE: 2 unclaimed DNA  
CN 1110: PN: US20040241727 TABLE: 2 unclaimed DNA  
CN 1489: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 2517: PN: WO0224956 FIGURE: 10 claimed DNA  
CN 264: PN: WO2005002414 PAGE: 20 claimed DNA  
CN 531: PN: US20050042630 TABLE: 2 unclaimed DNA  
CN 532: PN: US20040241729 TABLE: 2 unclaimed DNA  
CN 532: PN: US20050003394 TABLE: 2 unclaimed DNA  
CN 532: PN: US20050079514 TABLE: 2 unclaimed DNA  
CN 61: PN: WO2005071102 PAGE: 36 claimed DNA  
CN 692: PN: US20040265868 TABLE: 2 unclaimed DNA  
CN 733: PN: US20050123938 TABLE: 2 unclaimed DNA  
CN 867: PN: US20040241728 TABLE: 2 unclaimed DNA  
CN 953: PN: US20040248170 TABLE: 2 unclaimed DNA  
CN DNA (human cell line HeLa cleavage stimulation factor)  
CN GenBank M85085  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR GenBank  
LC STN Files: CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
18 REFERENCES IN FILE CA (1907 TO DATE)  
18 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 113 OF 113 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 135527-47-8 REGISTRY  
ED Entered STN: 16 Aug 1991  
CN DNA, (human mitochondria malate (oxalacetate decarboxylating) dehydrogenase cDNA plus flanks) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Deoxyribonucleic acid, (human mitochondria malate (oxalacetate decarboxylating) dehydrogenase messenger RNA-complementary plus 5'- and 3'-flanking region fragment)  
OTHER NAMES:  
CN 101: PN: US20050003394 TABLE: 3J unclaimed DNA  
CN 104: PN: US20040241727 TABLE: 3J unclaimed DNA  
CN 1142: PN: WO03038130 FIGURE: 3 claimed DNA  
CN 1241: PN: WO03095618 TABLE: 1 unclaimed DNA  
CN 1851: PN: US20050079514 TABLE: 3J unclaimed DNA  
CN 1: PN: US20040241729 TABLE: 3J unclaimed DNA  
CN 2413: PN: WO2004038376 TABLE: 5 unclaimed DNA  
CN 2939: PN: US20040241726 TABLE: 3J unclaimed DNA  
CN 295: PN: WO2004072265 PAGE: 42 unclaimed DNA  
CN 3051: PN: US20040248170 TABLE: 3J unclaimed DNA  
CN 3083: PN: US20040241728 TABLE: 3J unclaimed DNA  
CN 3119: PN: US20050042630 TABLE: 3J unclaimed DNA  
CN 3126: PN: US20050123938 TABLE: 3J unclaimed DNA  
CN 351: PN: WO2004053066 PAGE: 100 claimed DNA  
CN 4088: PN: WO2004037996 TABLE: 3 claimed DNA  
CN 51: PN: US20040265868 TABLE: 3J unclaimed DNA

CN 90: PN: US20030194701 FIGURE: 2 unclaimed DNA  
CN DNA (human cell line HS913T gene NAD(P)+ -dependent malic enzyme cDNA)  
CN DNA (human HS913T cell gene NAD(P)+ -dependent malic enzyme cDNA plus flanks)  
CN GenBank M55905  
FS NUCLEIC ACID SEQUENCE  
MF Unspecified  
CI MAN  
SR CA  
LC STN Files: BIOSIS, CA, CAPLUS, GENBANK, TOXCENTER, USPATFULL

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
\*\*\* USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE \*\*\*  
20 REFERENCES IN FILE CA (1907 TO DATE)  
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> file caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          1.38          244.16

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE           0.00          -0.75
```

FILE 'CAPLUS' ENTERED AT 11:57:09 ON 14 FEB 2006  
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FILE COVERS 1907 - 14 Feb 2006 VOL 144 ISS 8  
FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

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=> s 165668-50-8 or 165668-41-7 or 165668-32-6/rn  
REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L14 10 L13

12 165668-32-6  
0 165668-32-6D  
12 165668-32-6/RN  
(165668-32-6 (NOTL) 165668-32-6D )  
L15 66 L14 OR L12 OR 165668-32-6/RN

=> s (165668-50-8 or 165668-41-7 or 165668-32-6)/rn  
10 165668-50-8  
0 165668-50-8D  
10 165668-50-8/RN  
(165668-50-8 (NOTL) 165668-50-8D )  
63 165668-41-7  
3 165668-41-7D  
63 165668-41-7/RN  
(165668-41-7 (NOTL) 165668-41-7D )  
12 165668-32-6  
0 165668-32-6D  
12 165668-32-6/RN  
(165668-32-6 (NOTL) 165668-32-6D )  
L16 66 (165668-50-8 OR 165668-41-7 OR 165668-32-6)/RN

=> d his

(FILE 'HOME' ENTERED AT 11:49:42 ON 14 FEB 2006)  
FILE 'CAPLUS' ENTERED AT 11:49:50 ON 14 FEB 2006  
L1 1 S US 20040115664/PN  
SEL RN  
FILE 'REGISTRY' ENTERED AT 11:50:16 ON 14 FEB 2006  
L2 113 S E1-E113  
FILE 'CAPLUS' ENTERED AT 11:50:34 ON 14 FEB 2006  
L3 486 S L2  
L4 691429 S CANCER? OR TUMOR? OR NEOPLAS?  
L5 143 S L3 (L) L4  
L6 307496 S SCREEN?  
L7 82 S L6 AND L5  
L8 77 S EXPRESSION AND L7  
L9 0 S L8 NOT PY>2000  
L10 5 S L8 NOT PY>2001  
FILE 'REGISTRY' ENTERED AT 11:54:40 ON 14 FEB 2006  
FILE 'CAPLUS' ENTERED AT 11:55:08 ON 14 FEB 2006  
FILE 'CAPLUS' ENTERED AT 11:57:09 ON 14 FEB 2006  
S 165668-50-8/REG# OR 165668-41-7/REG# OR 165668-32-6/RN  
FILE 'REGISTRY' ENTERED AT 11:57:40 ON 14 FEB 2006  
L11 1 S 165668-41-7/RN

FILE 'CAPLUS' ENTERED AT 11:57:40 ON 14 FEB 2006  
L12 63 S L11

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 FEB 2006  
L13 1 S 165668-50-8/RN

FILE 'CAPLUS' ENTERED AT 11:57:41 ON 14 FEB 2006  
L14 10 S L13

L15 66 S L14 OR L12 OR 165668-32-6/RN

L16 66 S (165668-50-8 OR 165668-41-7 OR 165668-32-6) /RN

=> s 116 (1) 14  
L17 23 L16 (L) L4

=> s gene or nucle  
=> s gene or nucle?  
1012485 GENE  
384709 GENES  
1073341 GENE  
(GENE OR GENES)  
1925223 NUCLE?

---Logging off of STN---

END

SEARCH ENDED BY USER

=>  
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	21.80	267.76
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

STN INTERNATIONAL LOGOFF AT 12:00:57 ON 14 FEB 2006

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAplus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 12:01:19 ON 14 FEB 2006

=> file caplus  
COST IN U.S. DOLLARS  
SINCE FILE ENTRY TOTAL  
SESSION  
FULL ESTIMATED COST . 0.21 0.21

FILE 'CAPLUS' ENTERED AT 12:01:29 ON 14 FEB 2006  
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FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

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=> s (165668-50-8 or 165668-41-7 or 165668-32-6)/rn  
10 165668-50-8  
0 165668-50-8D  
10 165668-50-8/RN  
    (165668-50-8 (NOTL) 165668-50-8D )  
63 165668-41-7  
3 165668-41-7D  
63 165668-41-7/RN  
    (165668-41-7 (NOTL) 165668-41-7D )  
12 165668-32-6  
0 165668-32-6D  
12 165668-32-6/RN  
    (165668-32-6 (NOTL) 165668-32-6D )  
L1 66 (165668-50-8 OR 165668-41-7 OR 165668-32-6)/RN

=> s cancer? or tumor? or neoplas?

283417 CANCER?  
417455 TUMOR?  
438405 NEOPLAS?

L2 691429 CANCER? OR TUMOR? OR NEOPLAS?

=>.s 12 (l) 11  
L3 23 L2 (L) L1

=> s gene or nucleotide or nucleic

1012485 GENE  
384709 GENES  
1073341 GENE  
    (GENE OR GENES)  
400820 NUCLEOTIDE  
112041 NUCLEOTIDES  
454384 NUCLEOTIDE  
    (NUCLEOTIDE OR NUCLEOTIDES)

<-----User Break----->

SEARCH ENDED BY USER

=> s gene  
1012485 GENE  
384709 GENES  
L4 1073341 GENE  
    (GENE OR GENES)

=> s 14 and 13  
L5 6 L4 AND L3

=> s 15 and express?  
1190634 EXPRESS?  
L6 4 L5 AND EXPRESS?

=> d ibib 1-4

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2005:409543 CAPLUS  
DOCUMENT NUMBER: 142:457053  
TITLE: Human protein IAP (inhibitor of apoptosis protein)  
nucleobase oligomers, including dsRNA, shRNA, and  
siRNA, and their use for enhancing apoptosis in cancer

INVENTOR(S): therapy  
 Lacasse, Eric; McManus, Daniel  
 PATENT ASSIGNEE(S): Aegea Therapeutics, Inc., Can.  
 SOURCE: PCT Int. Appl., 112 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005042558	A1	20050512	WO 2004-CA1902	20041029
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005148535	A1	20050707	US 2004-975974	20041028
PRIORITY APPLN. INFO.:			US 2003-516192P	P 20031030

L6 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:467992 CAPLUS  
 DOCUMENT NUMBER: 141:33770  
 TITLE: Sulfonamide carbonic anhydrase IX-specific inhibitors  
for the treatment of preneoplastic and neoplastic  
diseases  
 INVENTOR(S): Supuran, Claudiu; Scozzafava, Andrea; Pastorekova,  
Silvia; Pastorek, Jaromir  
 PATENT ASSIGNEE(S): Bayer Healthcare, USA; Institute of Virology  
 SOURCE: PCT Int. Appl., 106 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004048544	A2	20040610	WO 2003-US37783	20031126
WO 2004048544	A3	20040916		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2506983	AA	20040610	CA 2003-2506983	20031126
US 2004146955	A1	20040729	US 2003-723795	20031126
EP 1569633	A2	20050907	EP 2003-787165	20031126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2002-429089P	P 20021126
			US 2003-489473P	P 20030722
			US 2003-515104P	P 20031028

OTHER SOURCE(S): MARPAT 141:33770 WO 2003-US37783 W 20031126

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2003:149650 CAPLUS  
DOCUMENT NUMBER: 139:78197  
TITLE: Indisulam: an anticancer sulfonamide in clinical development  
AUTHOR(S): Supuran, Claudiu T.  
CORPORATE SOURCE: Dipartimento di Chimica, Laboratorio di Chimica Bioinorganica, Universita degli Studi di Firenze, Florence, I-50019, Italy  
SOURCE: Expert Opinion on Investigational Drugs (2003), 12(2), 283-287  
PUBLISHER: Ashley Publications Ltd.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2002:408830 CAPLUS  
DOCUMENT NUMBER: 137:684  
TITLE: Method of testing anticancer agent-sensitivity of tumor cells  
INVENTOR(S): Owa, Takashi; Yokoi, Akira; Kuromitsu, Junro; Kawai, Takatoshi; Kato, Hiroyuki; Nagasu, Takeshi  
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 47 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042493	A1	20020530	WO 2001-JP10282	20011126
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002024096	A5	20020603	AU 2002-24096	20011126
JP 2003038200	A2	20030212	JP 2001-359805	20011126
CA 2429688	AA	20030523	CA 2001-2429688	20011126
EP 1336660	A1	20030820	EP 2001-997200	20011126
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2004115664	A1	20040617	US 2003-432661	20030523
PRIORITY APPLN. INFO.:			JP 2000-357398	A 20001124
			WO 2001-JP10282	W 20011126

OTHER SOURCE(S): MARPAT 137:684  
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 12:01:19 ON 14 FEB 2006)

FILE 'CAPLUS' ENTERED AT 12:01:29 ON 14 FEB 2006  
 L1 66 S (165668-50-8 OR 165668-41-7 OR 165668-32-6)/RN  
 L2 691429 S CANCER? OR TUMOR? OR NEOPLAS?  
 L3 23 S L2 (L) L1  
 L4 1073341 S GENE  
 L5 6 S L4 AND L3  
 L6 4 S L5 AND EXPRESS?

=> s l5 not l6  
 L7 2 L5 NOT L6

=> d ibib 1-6

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2004:1036851 CAPLUS  
 DOCUMENT NUMBER: 142:696  
 TITLE: Synergistic treatment of cancer using immunomers in conjunction with chemotherapeutic agents  
 INVENTOR(S): Kandimalla, Ekambar R.; Agrawal, Sudhir; Wang, Daqin  
 PATENT ASSIGNEE(S): Hybridon, Inc., USA  
 SOURCE: PCT Int. Appl., 106 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004103301	A2	20041202	WO 2004-US15313	20040514
WO 2004103301	A3	20051103		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2005009773	A1	20050113	US 2004-846167	20040514
PRIORITY APPLN. INFO.:			US 2003-471247P	P 20030516
OTHER SOURCE(S):	MARPAT	142:696		

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2001:935435 CAPLUS  
 DOCUMENT NUMBER: 136:84677  
 TITLE: Methods for enhancing antibody-induced cell lysis and treating cancer  
 INVENTOR(S): Weiner, George; Hartmann, Gunther  
 PATENT ASSIGNEE(S): University of Iowa Research Foundation, USA  
 SOURCE: PCT Int. Appl., 312 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001097843	A2	20011227	WO 2001-US20154	20010622
WO 2001097843	A3	20030123		

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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
CA 2410371	AA 20011227	CA 2001-2410371	20010622
US 2003026801	A1 20030206	US 2001-888326	20010622
EP 1296714	A2 20030402	EP 2001-948684	20010622
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
JP 2003535907	T2 20031202	JP 2002-503327	20010622
PRIORITY APPLN. INFO.:		US 2000-213346P	P 20000622
		WO 2001-US20154	W 20010622

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FILE 'CAPLUS' ENTERED AT 12:01:29 ON 14 FEB 2006

L1	66 S (165668-50-8 OR 165668-41-7 OR 165668-32-6)/RN
L2	691429 S CANCER? OR TUMOR? OR NEOPLAS?
L3	23 S L2 (L) L1
L4	1073341 S GENE
L5	6 S L4 AND L3
L6	4 S L5 AND EXPRESS?
L7	2 S L5 NOT L6

=> file medline

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.43	32.64

FILE 'MEDLINE' ENTERED AT 12:06:48 ON 14 FEB 2006

FILE LAST UPDATED: 11 FEB 2006 (20060211/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 will soon be available. For details  
on the 2005 reload, enter HELP RLOAD at an arrow prompt (>).  
See also:

<http://www.nlm.nih.gov/mesh/>  
[http://www.nlm.nih.gov/pubs/techbull/nd04/nd04\\_mesh.html](http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_med\\_data\\_changes.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html)  
[http://www.nlm.nih.gov/pubs/techbull/nd05/nd05\\_2006\\_MeSH.html](http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html)

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the  
MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate

=> s (ER 68487) or E 7070) or (ER 35748)

UNMATCHED RIGHT PARENTHESIS '7070) OR'

The number of right parentheses in a query must be equal to the  
number of left parentheses.

=> s (ER 68487) or (E 7070) or (ER 35748)

26955 ER  
1639 ERS  
27682 ER  
    (ER OR ERS)  
1 68487  
1 ER 68487  
    (ER(W) 68487)  
701428 E  
65 7070  
1 E 7070  
    (E(W) 7070)  
26955 ER  
1639 ERS  
27682 ER  
    (ER OR ERS)  
17 35748  
0 ER 35748  
    (ER(W) 35748)  
L8     2 (ER 68487) OR (E 7070) OR (ER 35748)

=> d ibib 1-2

L8 ANSWER 1 OF 2        MEDLINE on STN  
ACCESSION NUMBER: 2005509508        MEDLINE  
DOCUMENT NUMBER: PubMed ID: 16165351  
TITLE: Carbonic anhydrase inhibitors: inhibition of cytosolic/tumor-associated carbonic anhydrase isozymes I, II, and IX with benzo[b]thiophene 1,1-dioxide sulfonamides.  
AUTHOR: Innocenti Alessio; Villar Raquel; Martinez-Merino Victor; Gil Maria J; Scozzafava Andrea; Vullo Daniela; Supuran Claudiu T  
CORPORATE SOURCE: Universita degli Studi di Firenze, Polo Scientifico, Laboratorio di Chimica Bioinorganica, Room 188, Via della Lastruccia 3, 50019 Sesto Fiorentino (Florence), Italy.  
SOURCE: Bioorganic & medicinal chemistry letters, (2005 Nov 1) 15 (21) 4872-6.  
Journal code: 9107377. ISSN: 0960-894X.  
PUB. COUNTRY: England: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200512  
ENTRY DATE: Entered STN: 20050927  
Last Updated on STN: 20051224  
Entered Medline: 20051223

L8 ANSWER 2 OF 2        MEDLINE on STN  
ACCESSION NUMBER: 2002705775        MEDLINE  
DOCUMENT NUMBER: PubMed ID: 12467223  
TITLE: Profiling novel sulfonamide antitumor agents with cell-based phenotypic screens and array-based gene expression analysis.  
AUTHOR: Yokoi Akira; Kuromitsu Junro; Kawai Takatoshi; Nagasu Takeshi; Sugi Naoko Hata; Yoshimatsu Kentaro; Yoshino Hiroshi; Owa Takashi  
CORPORATE SOURCE: Laboratory of Seeds Finding Technology, Eisai Co. Ltd., Ibaraki 300-2635, Japan.  
SOURCE: Molecular cancer therapeutics, (2002 Feb) 1 (4) 275-86.  
Journal code: 101132535. ISSN: 1535-7163.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200301  
ENTRY DATE: Entered STN: 20021217

Last Updated on STN: 20030111  
Entered Medline: 20030110

$\Rightarrow$

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.12	33.76

STN INTERNATIONAL LOGOFF AT 12:08:11 ON 14 FEB 2006

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PASSWORD:

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NEWS 2 "Ask CAS" for self-help around the clock  
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NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAplus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC '8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

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COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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FILE LAST UPDATED: 13 Feb 2006 (20060213/ED)

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=> s US 20040115664/pn  
L1 1. US 20040115664/PN  
                  ([US2004115664/PN])

=> sel rn  
E1 THROUGH E113 ASSIGNED

FILE 'REGISTRY' ENTERED AT 14:51:48 ON 14 FEB 2006  
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DICTIONARY FILE UPDATES: 13 FEB 2006 HIGHEST RN 874180-50-4

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\*\*\*\*\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

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<http://www.cas.org/ONLINE/UG/regprops.html>

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FILE 'CAPLUS' ENTERED AT 14:52:06 ON 14 FEB 2006 .  
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FILE COVERS 1907 - 14 Feb 2006 VOL 144 ISS 8  
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L3 486 L2

=> s cancer? or tumor? or neoplas?  
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417455 TUMOR?  
438405 NEOPLAS?  
I-4 691429 CANCER? OR TUMOR? O

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    384709 GENES  
    1073341 GENE  
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(PROFILING OR PROFILINGS)

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L12 1 L10 NOT PY>2002

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L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2002:755055 CAPLUS  
DOCUMENT NUMBER: 137:258485  
TITLE: Methods for diagnosing and monitoring ovarian cancer  
by profiling associated marker genes  
using comparative genomic hybridization array  
INVENTOR(S): Chin, Koei; Kuo, Wen-lin; Pinkel, Daniel; Albertson,  
Donna; Collins, Colin; Gray, Joe W.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 24 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002142305	A1	20021003	US 2001-819103	20010327
WO 2002077292	A1	20021003	WO 2002-US9804	20020326
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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L1 1 S US 20040115664/PN  
SEL RN

FILE 'REGISTRY' ENTERED AT 14:51:48 ON 14 FEB 2006

L2 113 S E1-E113

FILE 'CAPLUS' ENTERED AT 14:52:06 ON 14 FEB 2006

L3 486 S L2  
L4 691429 S CANCER? OR TUMOR? OR NEOPLAS?  
L5 143 S L3 (L) L4  
L6 122 S GENE AND L5  
L7 24431 S PROFILING  
L8 26 S L7 AND L6  
L9 37287 S MICROARRAY  
L10 13 S L9 AND L8  
L11 0 S L10 NOT PY>2001  
L12 1 S L10 NOT PY>2002

=> s 16 and 19  
L13 70 L6 AND L9

=> s screen?  
L14 307496 SCREEN?

=> s 114 and 113  
L15 53 L14 AND L13

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18659 CHEMOTHERAPEUTIC  
1858 CHEMOTHERAPEUTICS  
20094 CHEMOTHERAPEUTIC  
(CHEMOTHERAPEUTIC OR CHEMOTHERAPEUTICS)  
194197 ANTITUMOR  
360 ANTITUMORS  
194214 ANTITUMOR  
(ANTITUMOR OR ANTITUMORS)

L16 218846 ANTICANCER? OR CHEMOTHERAPEUTIC OR ANTITUMOR

=> s 116 and 115  
L17 50 L16 AND L15

=> s 116 (S) 114  
L18 5226 L16 (S) L14

=> s 118 and 117  
L19 41 L18 AND L17

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=> s 120 and 119  
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=> s 121 not py>2002  
3538056 PY>2002  
L22 1 L21 NOT PY>2002

=> d ibib

L22 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
ACCESSION NUMBER: 2002:755055 CAPLUS  
DOCUMENT NUMBER: 137:258485  
TITLE: Methods for diagnosing and monitoring ovarian cancer  
by profiling associated marker genes  
using comparative genomic hybridization array  
INVENTOR(S): Chin, Koei; Kuo, Wen-lin; Pinkel, Daniel; Albertson,  
Donna; Collins, Colin; Gray, Joe W.

PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 24 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

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US 2002142305	A1	20021003	US 2001-819103	20010327
WO 2002077292	A1	20021003	WO 2002-US9804	20020326
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2001-819103	A 20010327

=> s 119 not py>2002  
 3538056 PY>2002  
 L23 1 L19 NOT PY>2002

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L23 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2002:755055 CAPLUS  
 DOCUMENT NUMBER: 137:258485  
 TITLE: Methods for diagnosing and monitoring ovarian cancer  
       by profiling associated marker genes using  
       comparative genomic hybridization array  
 INVENTOR(S): Chin, Koei; Kuo, Wen-lin; Pinkel, Daniel; Albertson,  
           Donna; Collins, Colin; Gray, Joe W.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 24 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002142305	A1	20021003	US 2001-819103	20010327
WO 2002077292	A1	20021003	WO 2002-US9804	20020326
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2001-819103	A 20010327

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L23 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AB This invention pertains to the discovery that an amplification of some genes or an increase in that gene activity and a deletion of some genes or a decrease in that gene activity is a marker for the presence of, progression of, or predisposition to, a cancer (e.g., ovarian cancer). Using this information, this invention provides methods of detecting a predisposition to cancer in an animal. The methods involve (i) providing a biol. sample from an animal (e.g. a human patient); (ii) detecting the level of the genes of the present invention within the biol. sample; and (iii) comparing the level of one or more of said genes with a level of one or more of said genes in a control sample taken from a normal, cancer-free tissue. In particular, array comparative genomic hybridization using 5'-amino-linked degenerate oligonucleotide primer (DOP) PCR is used to analyze gene amplification or deletion associated ovarian cancer. Approx. twenty amplified or deleted (with >0.4% fold gain or loss of expression at mRNA level) genomic regions with reference GenBank nos. are identified to be associated with human ovarian tumors. Gene-specific arrays targeted to these ovarian tumor-associated markers are described for diagnosis, drug screening and therapy applications.

=> file pctfull  
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
38.87	42.01

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE ENTRY	TOTAL SESSION
-0.75	-0.75

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FILE LAST UPDATED: 3 JAN 2006 <20060103/UP>  
MOST RECENT UPDATE WEEK: 200552 <200552/EW>  
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USE IPC7 FORMAT FOR SEARCHING THE IPC. WATCH THIS SPACE FOR FURTHER  
DEVELOPMENTS AND SEE OUR NEWS SECTION FOR FURTHER INFORMATION  
ABOUT THE IPC REFORM <<<

=> s gene (S) profil  
=> s gene (S) profi?

'?' TRUNCATION SYMBOL NOT VALID WITHIN 'PROFI?L'  
The truncation symbol ? may be used only at the end of a search term. To specify a variable character within a word use '!!', e.g., 'wom!n' to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (>) for more information.

=> s gene (S) profi?  
93932 GENE  
65755 GENES  
98655 GENE  
(GENE OR GENES)  
181003 PROFI?  
L24 10783 GENE (S) PROFI?

=> s cancer? or tumor? or neoplas?  
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62571 TUMOR?  
21589 NEOPLAS?  
L25 93201 CANCER? OR TUMOR? OR NEOPLAS?

=> s 124 and 125  
L26 8214 L24 AND L25

=> d his

(FILE 'HOME' ENTERED AT 14:51:12 ON 14 FEB 2006)

FILE 'CAPLUS' ENTERED AT 14:51:23 ON 14 FEB 2006  
L1 1 S US 20040115664/PN  
SEL RN

FILE 'REGISTRY' ENTERED AT 14:51:48 ON 14 FEB 2006  
L2 113 S E1-E113

FILE 'CAPLUS' ENTERED AT 14:52:06 ON 14 FEB 2006  
L3 486 S L2  
L4 691429 S CANCER? OR TUMOR? OR NEOPLAS?  
L5 143 S L3 (L) L4  
L6 122 S GENE AND L5  
L7 24431 S PROFILING  
L8 26 S L7 AND L6  
L9 37287 S MICROARRAY  
L10 13 S L9 AND L8  
L11 0 S L10 NOT PY>2001  
L12 1 S L10 NOT PY>2002  
L13 70 S L6 AND L9  
L14 307496 S SCREEN?  
L15 53 S L14 AND L13  
L16 218846 S ANTICANCER? OR CHEMOTHERAPEUTIC OR ANTITUMOR  
L17 50 S L16 AND L15  
L18 5226 S L16 (S) L14  
L19 41 S L18 AND L17  
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L21 39 S L20 AND L19  
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L23 1 S L19 NOT PY>2002

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L26 8214 S L24 AND L25

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L27 9575 MICROARRAY  
(MICROARRAY OR MICROARRAYS)

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L28 3608 L26 AND L27

=> s screen?  
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=> s 129 and 128  
L30 3354 L29 AND L28

=> s anticancer? or chemotherapeut? or antitumor  
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197 ?7070  
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=> s 133 and 132  
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347751 PY>2002  
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550224 PY>2000  
L36 3 L35 NOT PY>2000

=> d ibib 1-3

L36 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN  
ACCESSION NUMBER: 2006002433 PCTFULL  
no bibliographic data available - please use FPI for PI information  
DESIGNATED STATES

L36 ANSWER 2 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN  
ACCESSION NUMBER: 2000055351 PCTFULL ED 20020515  
TITLE (ENGLISH): HUMAN COLON CANCER ASSOCIATED GENE SEQUENCES  
AND POLYPEPTIDES  
TITLE (FRENCH): SEQUENCES ET POLYPEPTIDES GENIQUES ASSOCIES AU  
CANCER DU COLON CHEZ L'HOMME  
INVENTOR(S): ROSEN, Craig, A.;  
RUBEN, Steven, M.  
PATENT ASSIGNEE(S): HUMAN GENOME SCIENCES, INC.;  
ROSEN, Craig, A.;  
RUBEN, Steven, M.  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2000055351	A1	20000921

DESIGNATED STATES  
W:  
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW  
GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
APPLICATION INFO.: WO 2000-US5883 A 20000308

PRIORITY INFO.: US 1999-60/124,270 19990312

L36 ANSWER 3 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN  
ACCESSION NUMBER: 2000022093 PCTFULL ED 20020515  
TITLE (ENGLISH): NOVEL INTERFERON STIMULATED AND REPRESSED GENES  
TITLE (FRENCH): NOUVEAUX GENES STIMULES OU REPRIMES PAR L'INTERFERON  
INVENTOR(S): SILVERMAN, Robert, H.;  
WILLIAMS, Bryan, R., G.;  
DER, Sandy

PATENT ASSIGNEE(S): CLEVELAND CLINIC FOUNDATION  
LANGUAGE OF PUBL.: English  
DOCUMENT TYPE: Patent  
PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 2000022093 A2 20000420

DESIGNATED STATES

W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
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RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
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PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 1999-US22121 A 19990923

PRIORITY INFO.:

US 1998-60/101,497 19980923

US 1999-60/101,497 19990923

=> d kwic 1

L36 ANSWER 1 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN

DETD METHODS AND REAGENTS FOR THE DETECTION OF MELANOMA  
BACKGROUND OF THE INVENTION  
Cutaneous malignant melanoma is a common, aggressive cancer  
with growing  
incidence. It is a serious health problem with over 55,100 new cases anticipated  
in 2004 in US, and a mortality rate of about 14.5%. Cancer  
Facts and Figures 2003.

American Cancer Society, 2003. The incidence of melanoma  
continues to rise faster  
than that of any other malignancy. De Braud et al. (2003)...

Nevertheless, even when enhanced by IHC, histological  
analysis is limited by the ability of light microscopy to recognize  
the tumor cells.

routine histology and IHC. Shivers et al. (1998); and Kuo et  
al. (2003). However, these genes are not specific to tumor  
cells and cannot be used to  
discriminate between benign and malignant tissue. In fact, they caused  
false-positive  
results in the presence of...

SLN, the current RT-PCR assays are not useful clinically for diagnostic  
of melanoma micrometastasis. A recent study, proposed a multi-marker  
panel,  
including cancer specific markers for RT-PCR assay in order to  
increase assay  
specificity. Hoon et al. (2004). Identification of novel melanoma  
specific...

A number of these markers have also been shown to be indicative of other neoplasias such as ME20M (GP 1 00) for clear cell sarcoma, biliary tract carcinoma and gastric carcinoma. Hiraga et al. (1997); Okada. . . al. (2001); Okami et al. (2001); Antonescu et al. (2002); Segal et al. (2003). MAGE3 is also indicative of a number of neoplasias including breast, hepatocellular, renal, neural, lung and esophageal.

(2001); and Weiser et al. (2001). Several melanoma antigen-encoding genes are also expressed in lung cancer. Yoshimatsu et al. (1998).

These markers proved to be sensitive but non-specific since they showed positive expression in other cancers and benign melanocytes. Additionally, tyrosinase is expressed in Schwann cells which are present in normal lymph nodes. The lack of specificity alone. . .

Lymph node involvement is the strongest prognostic factor in many solid tumors, and detection of lymph node micrometastases is of great interest to pathologists and surgeons. Current lymph node evaluation involves microscopic examination of H&E-stained. . .

(2004). Gene expression profiling of malignant melanoma has been accomplished using a microarray containing probes for 8,150 cDNAs. Bittner et al. (2000). These researchers identified several genes that might be associated with aggressive tumor behavior. In recent work, comparison of gene expression profiles of a few melanoma and normal melanocyte cell lines led to the identification of differentially expressed genes and pathways modulated in melanoma. Takeuchi et al. (2004).

#### SUMMARY OF THE INVENTION

Gene expression profiling of an extensive set of clinically relevant tissue samples is provided in the present invention. Total RNA from forty-five primary malignant melanomas, 18 benign skin nevi and 7 normal skin tissues were hybridized on an Affymetrix HU133A microarray containing 22,000 probe sets. Differentially expressed genes in malignant melanoma as compared to benign tissue were identified.

5 Fig. 3. Microarray expression (A) and real time RT-PCR validation data (B) of the selected genes. First fourteen samples from the left are the melanoma tissue samples (red); next seven are benign nevi samples (yellow) and last five are normal skin (blue). For microarray plots x-axis shows intensity values; for PCR plots, x -axis ACT - Ct PBGD.

1 0 Cutaneous melanoma is a common, aggressive cancer with growing incidence.

Identification of melanoma-specific deregulated genes could provide molecular markers for LN staging assays and further insight on melanoma tumorigenesis. Total RNA isolated from 45 primary melanoma, 18 benign skin nevi, and 7 normal skin tissue specimens were analyzed on an Affymetrix U133A microarray containing 22,000 probe sets. Hierarchical clustering revealed a distinct separation of the melanoma samples from benign and normal specimens. Novel genes associated with malignant.

High-density cDNA and oligonucleotide microarrays allow simultaneous monitoring of the expression of thousands of genes. Microarray technology provides a quantitative measurement of mRNA abundance and has gained acceptance as a tool for marker discovery based on gene expression. In the context of cancer research,

microarray analysis has identified genes differentially expressed in benign and malignant lesions, different cancer types or that have prognostic significance. Luo et al. (2001); Su et al. (2001); Henshall et al. (2003); and Wang et al. (2004). The first

gene expression profiling of malignant melanoma used a microarray containing probes for 8,150 cDNAs and identified genes that might be associated with aggressive

tumor behavior. Bittner et al. (2000). Since the samples analyzed in their study did not include tissues containing normal or benign melanocytes, differentially expressed

genes in malignant melanoma were not identified. In contrast to normal skin, melanocyte content in benign nevi is close to that in.

(2000); and Weeraratna (2004). Recently, comparison of gene expression profiles of a few melanoma and melanocyte cell lines led to the identification of differentially expressed genes and pathways modulated in melanoma. Hoek et al. (2004). While 1 5 these studies provide a solid foundation for melanoma genetics, .

malignant melanomas, 18 benign skin nevi, and 7 normal skin tissues were hybridized on an Affymetrix Hu 1 3 3 A microarray containing 22,000 probe sets. A modified RNA extraction method was developed to produce melanin-free RNA samples that increased the microarray hybridization signals. Hierarchical clustering revealed distinct separation of the melanoma samples from benign and normal specimens. Significance Analysis of Microarray (SAM) method, t-test and percentile analysis identified 439 up-regulated (SEQ ID NOs.

Table 2  
Clinical Stage I' Tumor (T) LN Metastasis Treatment  
Stage I T 1: !!] 1 nun Negative Absent Excision I cm  
T2: 1 2.00 Negative Absent Excision. . . tissue sample as well as  
extraction of  
RNA. Once obtained, it is important to process the tissue samples  
properly so that  
any cancerous cells present are detected.

the most preferred embodiment of the invention, node sampling is also  
given  
attention both intra- and extra-operatively. Since the distribution of  
cancer cells in  
1 5 nodes is non-unifonn, it is preferable that multiple sections of the  
node be sampled.

molecular diagnostics involved are most preferably quantitative  
PCR methods, including QRT-PCR. Detection can be by any method known in  
the  
art including microarrays, gene chips and fluorescence.

(1998) and represented by Accession No. AF003934. PLAB is linked to the  
pathogenesis of prostate cancer (Liu et al (2003); Karan et  
al. (2003); and Nakamura  
et al. (2003); US Patent Nos. 5,994,102; 6,107,476; 6,465,181;  
6,500,638; 6,521,227;  
1 0 US Patent Publication Nos. 2002/0048784; 2003/0013097; and  
2003/005943 1) and  
colorectal cancer (Brown et al. (2003); Buckhaults et al.  
(2001); and US Patent  
Publication No. 2002/01603 82).

pathology information was also collected. The histopathological features  
of each  
sample were reviewed to confirm diagnosis, and to estimate sample  
preservation and  
tumor content.

Melanoma and benign nevi primary tissues chosen for microarray  
analysis had  
melanocyte content greater than 50% with no mixed histology. Melanoma  
positive  
1 5 lymph nodes were collected from malignant melanoma. . .

RNA from a total of 70 primary tissue samples was used for gene  
expression  
profiling and melanoma specific gene identification.  
Samples included 45 primary  
malignant melanoma, 18 benign skin nevi, and 7 normal skin tissues. The  
majority of  
primary melanomas included. . .

with metastasis  
derived from epithelioid and spindle cell primary melanomas. Out of 18  
melanoma  
free LN, 1 0 were collected from other cancer patients but no  
cancer cells were found  
in these nodes by pathologists and 8 LN were from non-malignant  
lesions.

melanoma and 18 nevi samples. These two datasets were analyzed  
separately in following procedures as shown in Fig. 1. Significance  
analysis of  
microarray (SAM; Tusher et al. (2001)) and Student T-test were

used in gene selection. Parameters for SAM were set as A=2.5 and. . .

Table 8  
Median Expression in Fold Change Fold Change  
PSID Melanoma (Cancer vs Benign) (Cancer vs skin)  
200078 sat 3954 2 3  
200601 at 9254 2 7  
200612 sat 2396 2 5  
200644 at 7240 3 6  
200660 at 14659. . .

formed the small cluster represented epithelioid melanoma only, visually contained less melanin and 1 0 demonstrated higher expression of PRAME and MIA genes ( $P<0.05$ ). The few stage III and IV tumors were all grouped in the small cluster. The large cluster showed higher expression of NTRK3 and nestin (NES) ( $p<0.05$ ). All melanoma. . . is comparable melanocyte 1 5 content in these samples. Our data indicate that melanoma, benign nevi and normal skin samples -have distinct gene expression profiles and can be separated on molecular basis. Selected genes that were highly expressed in melanoma and their associated functional categories are summarized in Table 9.

at I HOXI39 541.6 54.4 10.0  
205447-s at I MAP3K12 566.5 76.5 7.4  
Tissue morphology  
206397 x at I GDFI 1436.1 130.1 11.0  
8.1 7.2  
Cancer cell invasion  
213274-s at CSTTB 18262.9 61.4 14.5  
208677 s at BSG 5413.8 1088 5.0  
Cell cycle co trol  
219578 s at CPEBI 1418.5. . . 2496.2 428.2 5.8  
206999 at IL12RB2 354 61.3 5.8  
201251 at PKM2 23964.7 4228.2 5.7  
202185 at PLOD3 8493.2 1541.7 5.5  
Example 4  
Identification of genes differentially expressed in melanoma A total of 70 gene expression profiles were used for analysis. The he median percentages of present calls for melanoma, benign and normal sample groups were 43.8%, 46.9% and 41.7%. Sixty microarrays (86%) had scaling factors within 3-fold range of the minimum value. Ten chips with the scaling factors more than 3 were equally. . .  
Samples that formed the small cluster represented epithelioid melanoma only and visually contained less melanin. The few stage III and IV tumors, used in our study, were all grouped in the small cluster. The large cluster was 5 composed from epithelioid, spindle cell and. . . and inability of melanocyte specific markers to differentiate them. Our data indicate that melanoma, benign nevi and normal skin samples have distinct gene

expression  
profiles and can be separated on their molecular basis.

Bonferroni-adjusted t-test and percentile analyses were used to address the multiple testing issue and the heterogeneity of the tumor samples, respectively. As the result of these analyses, 439 genes were selected and are summarized in Table 15 as SEQ ID NOs: . . .

0 9

We further selected three genes over-expressed in melanoma, including NTRK3,

PLAB, L1 CAM, for quantitative real-time RT-PCR validation of the microarray

1 0 results (Fig. 3). PLAB is a novel gene, whose differential expression in melanoma

was not reported before at our best. . . panel of 14 primary melanoma, 7 benign nevi and 5 normal skin samples, isolated from the

same tissues as used for the microarray study. The expression value of each gene was

normalized to the housekeeping control gene PBGD. The correlation coefficients

between the RT-PCR and the microarray results for L1 CAM, NTRK3, PLAB and

I 0 gp100 are 0.79, 0.86, 0.87 and 0.88, respectively.

This result indicates that the

RT-PCR results are highly consistent with the microarray data.

were up-regulated in

the melanoma samples. To verify specificity of our observation, we selected three

random lists of genes from Affymetrix Hu133A microarray and subjected them to

Ingenuity pathway analysis. None of these lists produced a significant association to

amyloid processing or any other canonical. . .

#### Example 6

##### RT-PCR Validation of Microarray Results

Ten microgram total RNA from each sample was treated with DNase I and I 0 reverse-transcribed with oligo (dT) primer using. . .

1 5 To confirm the melanoma specific genes identified by the microarray analysis,

four genes (L1 CAM, NTRK3, PLAB and gp I 00) were selected for quantitative

real-time RT-PCR validation (Fig. 4). The expression value of each gene was

normalized to housekeeping control PBGD. The correlation coefficient between the

RT-PCR and the microarray results for L1 CAM, NTRK3, PLAB and gp I 00 are 0.79,

0.86, 0.87 and 0.88, respectively, indicating that. . .

and normal samples (normal skin and melanoma-free LN) by RT-PCR. The primary tissues were the same as those used for the microarray study

while all the LN specimens were derived from independent patients.

Conventional

melanoma markers, such as tyrosinase, gp I 00 and MART1,. . .

#### Discussion

We performed gene expression profiling analysis of primary melanoma, benign nevi and normal skin tissue specimens in order to find melanoma specific gene markers for potential use in the LN molecular staging assay. Novel genes that are I 0 highly and differentially expressed in malignant melanoma samples were identified.

at NM 001724 BPBM 2,3-bisphosphoglycerate mutase  
136 203518 at NM 000081 CHS1 Chediak-Higashi syndrome 1  
137 203554 xat INM 004219 PTTGI pituitary tumor-transforming I -s-at NM-000281 PCBD 6-pyruvoyl-tetrahydropterin synthasedimerization cofactor of hepatocyte nuclear factor Ljja  
139 203570 at NM 005576 LOX11 lysyl oxidase-like I  
140 203590-at NM-006141 DNCL12 dynein, . . .  
  
NET1 neuroepithelial cell transf gene 1  
492 201830 s at NM 005863 NET1 neuroepithelial cell transf gene 1  
493 201839-s-at NM-002354 TACSTD1 tumor-associated calcium signal transducer 1  
494 201842\_s\_at A1826799 EGF-containing fibulin-like extracellular matrix protein 1  
495 201843-s-at NM-004105 EFEMP1 EGF-containing fibulin-like extracellular matrix protein 1 transcript variant 1  
496 201983 s at AW157070 epidermal growth factor receptor  
497 201984 s at NM 005228 EGFR epidermal growth factor receptor  
498 202054-s-at NM-000382 ALDH3A2 aldehyde dehydrogenase 3. . . 4 superfamily mem 2  
503 202267 at NM 005562 LAIVIC2 laminin, gamma 2, transcript variant I  
202286 s at J04152 GA733-1\_gastrointestinal tumor-assoc antigen  
505 202289-s-at NM-006997 TACC2 transforming, acidic coiled-coil containing protein 2  
506 202350 s at NM 002380 MATN2 matrilin 2 precursor, transcript var. . small inducible cytokine subfam D (Cys-X3-Cys) mem 1  
542 203726 sat NM 000227 LAMA3 laminin, alpha 3  
543 203786 sat NM 003287 TPD52LI tumor protein:D52-like 1  
544 203797 -at AF039555 VSNLI visinin-like protein 1  
545 203799 at NM 014880 KIAA0022 KIAA0022 gene product  
546 203812 at ABO11538. . . 13CDNA73 putative gene product  
563 204112 s at NM 006895 HNIVIT histamine N-methyltransferase  
564 204135 at NM 014890 DOC1 downregulated in ovarian cancer 1  
565 204136 at NM 000094 COL7AI collagen, type VII, alpha 1  
566 204151 x at NM 001353 AKRICI aldo-keto reductase family. . .  
  
AF098518 FHL1 4 and 1/2 LIM domains 1 protein isoform B  
740 210347 sat AF080216 C21`12-type zinc-finger protein  
741 210372 sat AF208012 TPD52L2\_tumor protein D52-like 2  
742 210397 at U73945 beta-defensin-I  
743 210619 sat AF1\_73154 HYAL1 hyaluronoglucosaminidase 1 isof 2  
744 210633 xat M19156 KRT1. . . 212327 at AK027231 FLJ23578 fis, KIAA1 102 protein  
763 212328 at AK027231 FLJ23578 fis, KIAA1 102 protein  
764 212390 at ABO07923 KIAA0477 gene product  
765 212538 at AL576253 KIAA1 058 protein  
766 212543 at U83115.1 non-lens P gamma-crystallin like  
767 212589 at BG168858 oncogene TC21  
768 212593 sat N92498 FLJ22071 fis, clone HEP1 1691  
769 212724 at BG054844 ras homolog gene family, member E

770 212741 at AA923354 monoamine oxidase A  
771 212823 sat AU147160 KIAA0599 protein  
772 212841-s-at A1692180 PTPRF interacting protein, binding protein. . . BF693921 ATP-binding cassette, sub-family A, member 5  
791 213359-at W74620 heterogeneous nuclear ribonucleoprotein D  
792 213369 at A1825832 DKFZp434AI 32  
793 213375 sat N80918 Novel gene mapping to chomo 13  
794 213397 xat A1761728 DnaJ homolog, subfarn C, mem 8  
795 213451 xat BE044614 tenascin XB  
796 213456 at. . . CTB-1 5P3 fr 7q22-q31.2  
835 215536-at DIVIA, DMB, HLA-ZI, IPP2, LMP2, TAP1, LMP7, TAP2, DOB, DQB2 and RING8, 9, 13 and 14 genes  
836 215659 at AK025174 FLJ21521  
837 215704 at AL356504 clone RPI-14N1 chrom 1q21 21.3  
838 215726 sat M22976 cytochrome b5  
839 215867 xat AL050025. . . DKFZp564D066  
840 216199 sat AL109942 clone RP3-473J 1 6 chrom 6q25 26  
841 216268 sat 'U77914 soluble protein Jagged  
842 216333-x-at M25813 unidentified gene complementary to P450c21  
843 216379 xat AK000168 CD24 signal transducer  
844 216594 xat S68290 chlordecone reductase homolog  
845 216699 sat 110038 pre-pro-protein for kallikrein  
846. . . NM 022162 NOD2 NOD2 protein  
930 220076 at NM 019847 1 ANKH ankylosis, progressive homolog  
931 220161 sat NM 019114 EHM2 EHM2 gene  
932 220225 at -NM 016358 IRX4 iroquois homeobox protein 4  
933 220230 sat NM 016229 LOC51700 cytochrome b5 reductase b5R.2  
934 220262 sat. . . 35666 at U38276 Orin III family homolog  
971 38340 at AB014555 KIAA0655 protein  
972 39248 at N74607 za55a0I.s1  
973 40016\_q at AB002301 KIAA0303 gene  
974 40093-at X83425 LU gene Lutheran blood group glycoprotein  
975 40472 at AF007155 clone 23763 unknown mRNA  
976 57588 at R62432 Si  
977 60474 at AA469071 nel7fl I.s1  
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required for  
correct splicing of. . .

CLMEN 20 The method of claim 1, 2, 3, 4 or 5 wherein gene expression is  
measured on a  
microarray or gene chip.

92 The method of claim 73, 74, 75, 76 or 77 wherein gene expression is  
measured on a  
microarray or gene chip.

or non-nal tissue.

128. The method of claim 109, 110, 111, 112 or II 3 wherein gene  
expression is  
measured on a microarray or gene chip.

129. The method of claim 109, 110, 111, 112 or II 3 wherein gene expression is  
determined by nucleic acid amplification conducted by polymerase chain  
reaction (PCR)

of RNA extracted from the sample.

130. The . . . melanocyte or non-nal tissue.

164. The method of claim 145, 146, 147, 148 or 149 wherein gene  
expression is  
measured on a microarray or gene chip.

165. The method of claim 145, 146, 147, 148 or 149 wherein gene  
expression is  
determined by nucleic acid. . . melanocyte or normal tissue.

200. The method of claim 181, 182, 183, 184 or 185 wherein gene  
expression is  
measured on a microarray or gene chip.

201. The method of claim 181, 182, 183, 184 or 185 wherein gene  
expression is  
determined by. . .

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	16.35	58.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

STN INTERNATIONAL LOGOFF AT 15:05:17 ON 14 FEB 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1642BJF

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available  
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE  
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER  
NEWS 6 DEC 14 CA/CAplus to be enhanced with updated IPC codes  
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the  
IPC reform  
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/  
USPAT2  
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB  
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to  
INPADOC  
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV  
NEWS 13 JAN 30 Saved answer limit increased  
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency  
added to TULSA  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>